

REDACTED

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book 1 of 2

Inclusive Dates: 2/19/13 - 2/19/13

List of Sampling Team in logbook:

Name

Initials

Organization/Duties

(b) (6)

OTIE, Team Leader

WBS

OTIE

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Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SED) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than (\leq) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and \leq $\frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over $\frac{1}{4}$ -acre in parcel lot size will be divided into $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SED FBQSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SED FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.

ADDRESS: _____

PROPERTY ID: _____

FM0161
EVO971

DATE: 2/19/13

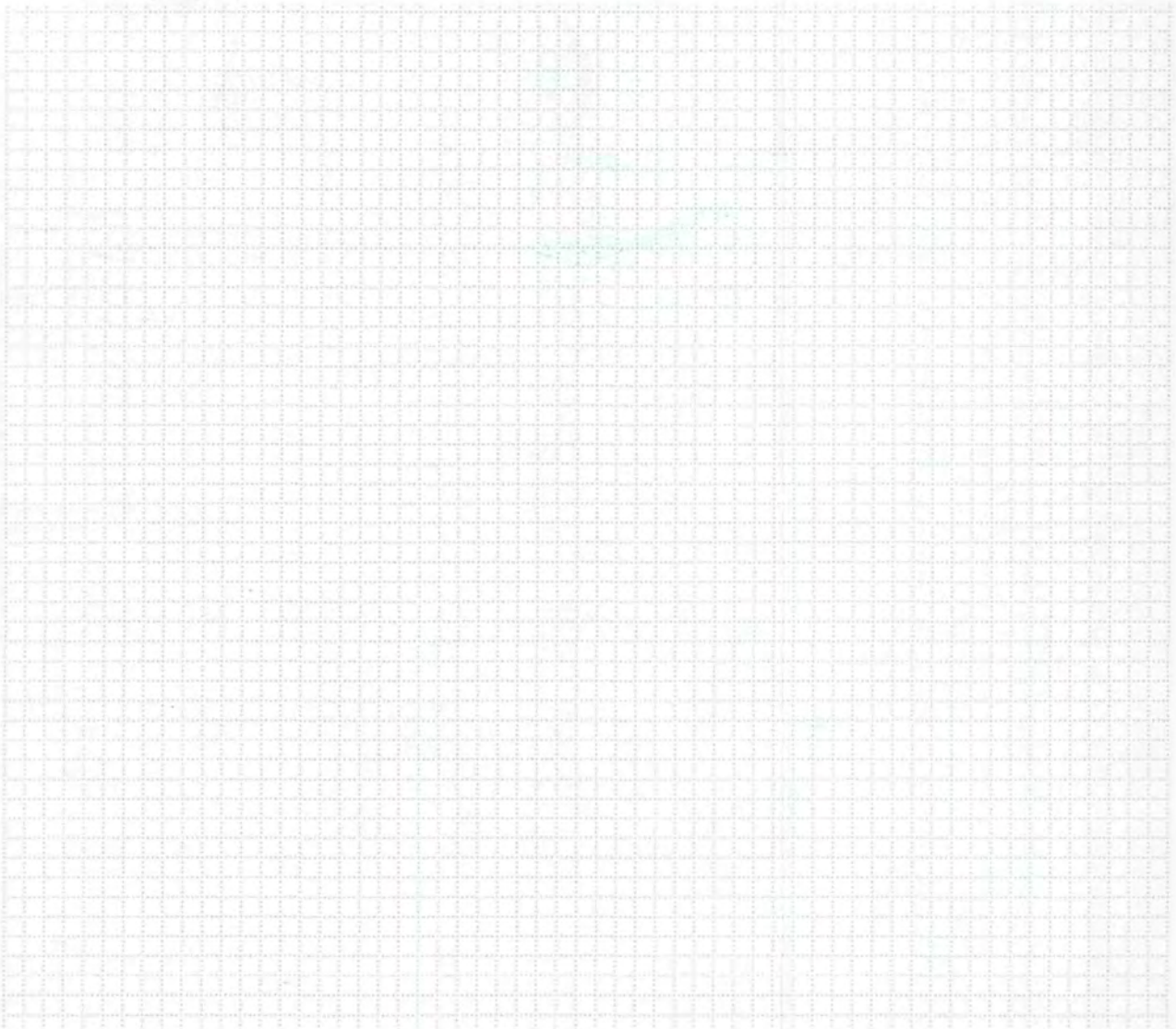
ARRIVAL TIME: 0820

Other pertinent information (weather conditions, etc.):

49°F

PROPERTY COMMENTS:

Grid for property sketch



Fm0161KKK ~~000~~KKK

Fm0161KKK-CS

~~000~~KKKSTATION ID: ~~0000000000~~

2/19/13

SAMPLE ID: ~~0000000000~~

2/19/13

SAMPLE COLLECTION TIME: 0829

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Brown silty clay

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: Brown silty clay

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Brown silty clay

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: Brown silty clay w/ gravel

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Brown silty claySTATION ID: ~~0000000000~~

2/19/13

SAMPLE ID: ~~0000000000~~-CS

SAMPLE COLLECTION TIME: 0843

Fm0161LL

Fm0161LL-CS

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: DK brown silty clay w/ some gravel

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: DK brown silty clay

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: DK brown silty clay

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: DK brown silty clay

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: DK brown silty clay

ADDRESS: _____

PROPERTY ID: _____

FM0161
CVO977

DATE: _____

2/19/13

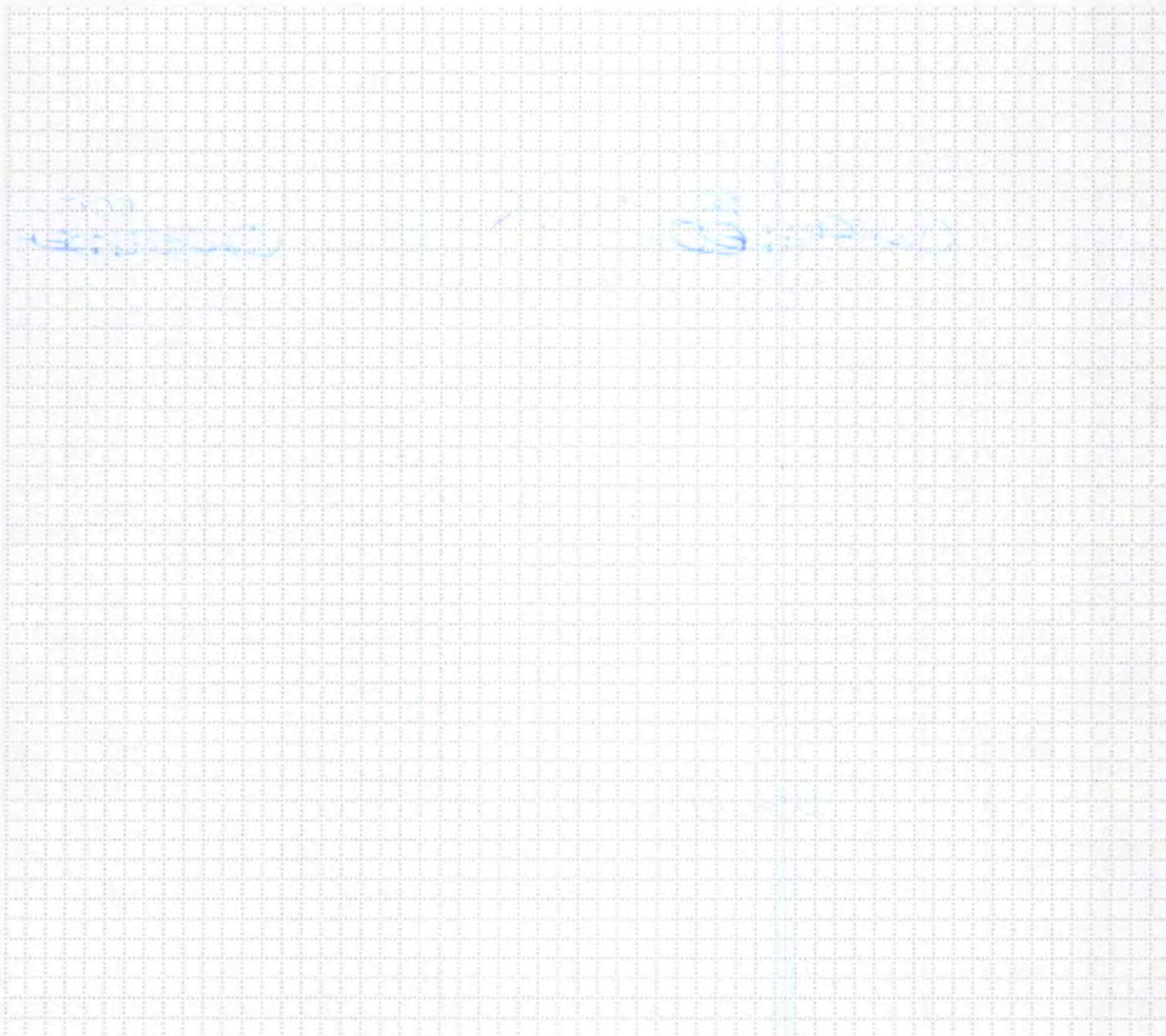
ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

46°F, Fog

PROPERTY COMMENTS:

Grid for property sketch



Fm0161 MMM ~~MMM~~Fm0161 MMM-
CSSTATION ID: ~~00000000~~ ^{2/19/13} SAMPLE ID: ~~00000000-05~~ ^{2/19/13}SAMPLE COLLECTION TIME: 0855

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay w/ gravel damp to wet

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previousSTATION ID: ~~00000000~~ ^{2/19/13} NNN ^{NNN} SAMPLE ID: ~~00000000-05~~ ^{NNN} NNN-05SAMPLE COLLECTION TIME: 0907

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay w/ gravel

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: reddish brwn silty clay w/ gravel

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay w/ gravel

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

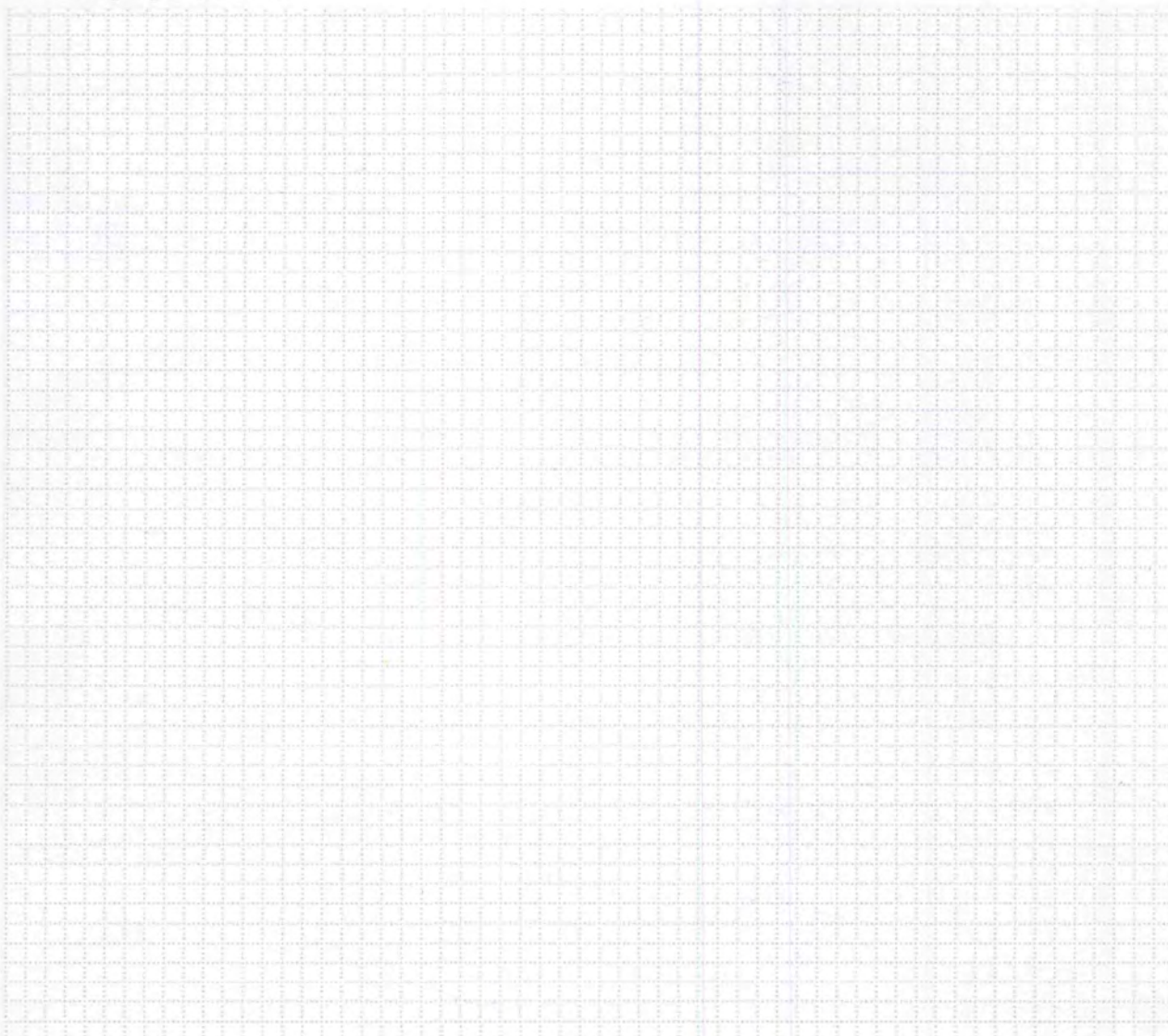
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM016100C SAMPLE ID: FM016100C-CS

SAMPLE COLLECTION TIME: 0910

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brwn sandy clay silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: FM0161PPP SAMPLE ID: FM0161PPP-CS

SAMPLE COLLECTION TIME: 0917

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brwn silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

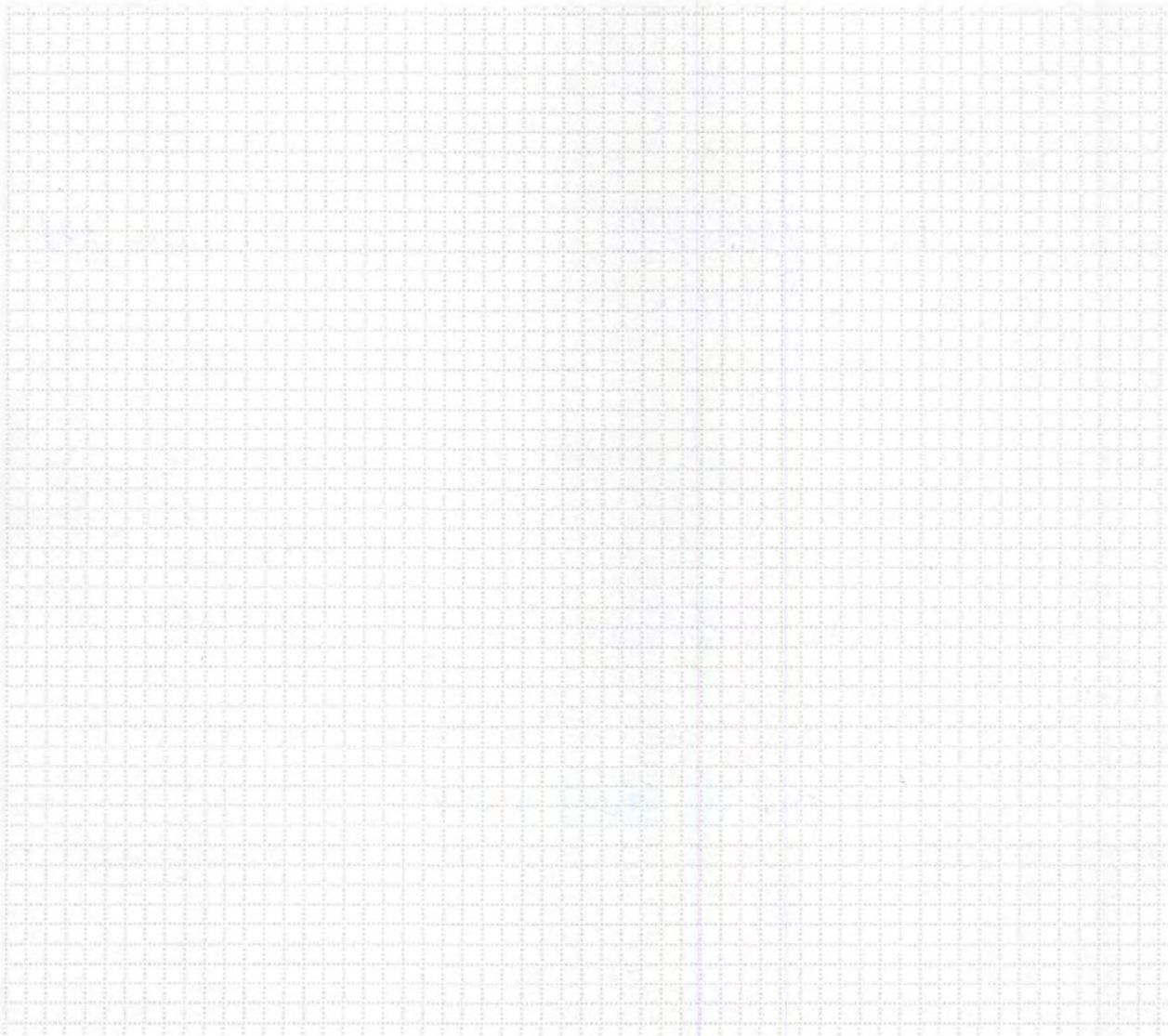
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM016/000 SAMPLE ID: FM016/000-CS

SAMPLE COLLECTION TIME: 0922

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brn sandy silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: FM016/RRR SAMPLE ID: FM016/RRR-CS

SAMPLE COLLECTION TIME: 0924

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: dk brn silty clay w/ gravel

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: red silty clay w/ gravel

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: dk brn silty clay w/ gravel

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

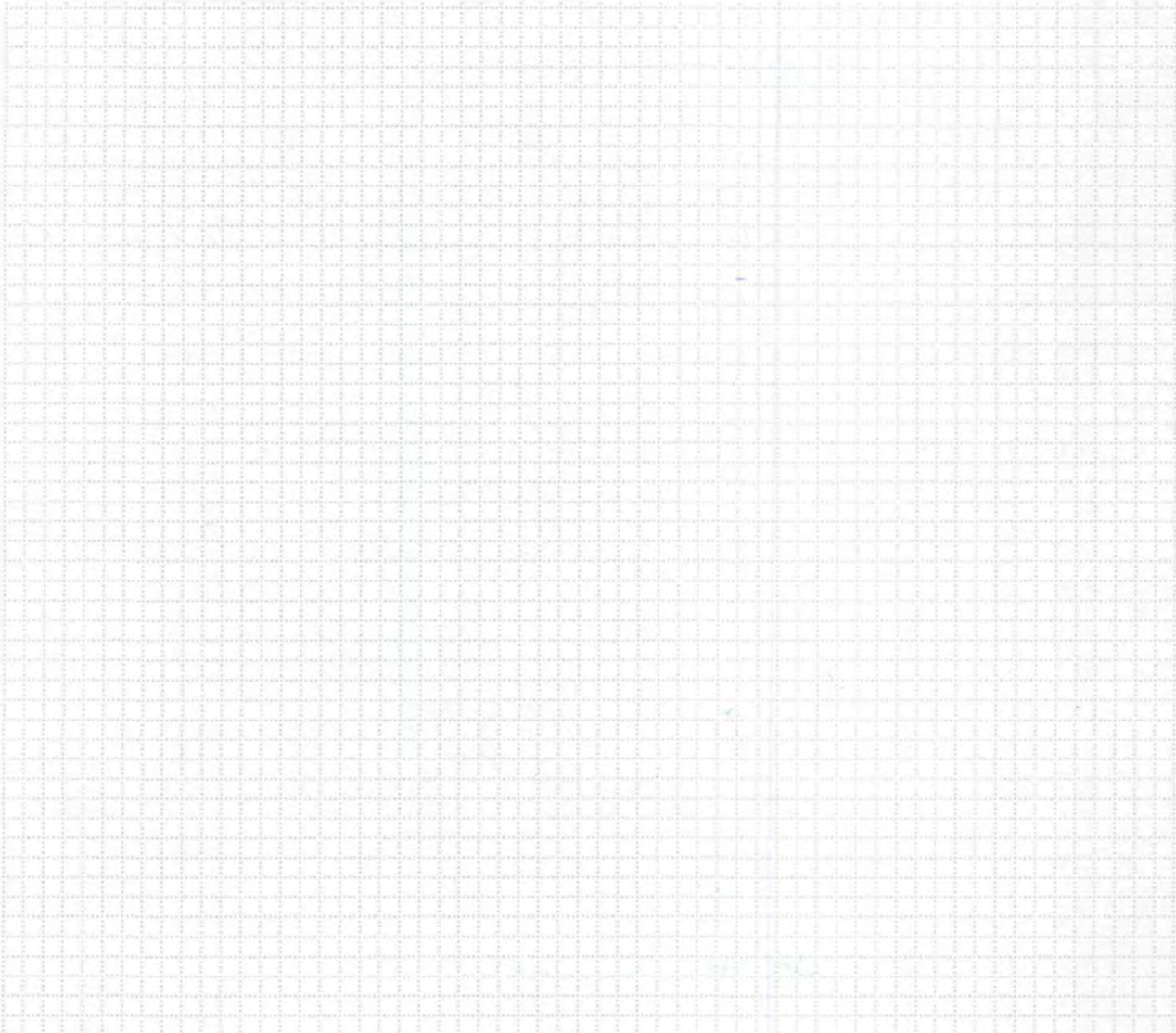
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161SSS SAMPLE ID: FM0161SSS-CS

SAMPLE COLLECTION TIME: 0928

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brwn silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: FM0161TTT SAMPLE ID: FM0161TTT-CS

SAMPLE COLLECTION TIME: 0932

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brwn silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: reddish brwn silty clay

ADDRESS: _____ PROPERTY ID: FM0161

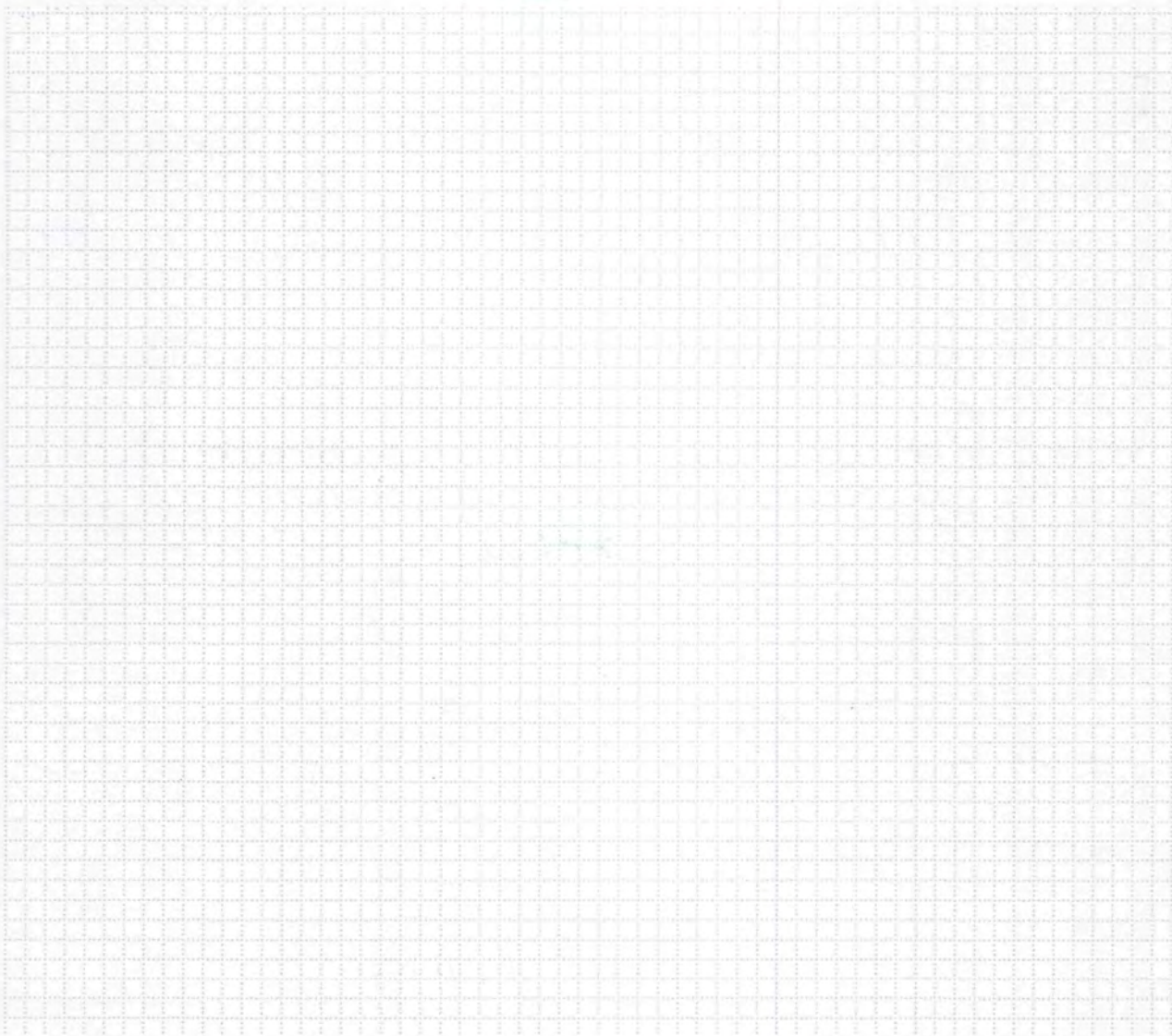
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161000 SAMPLE ID: Fm0161000-CS

SAMPLE COLLECTION TIME: 0934

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

photo taken after EEE
#105-0238 ^{KMT} 2/19/13
meat for VV

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [Y] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay w/ gravel

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: reddish brwn silty clay w/ gravel

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay w/ gravel

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

STATION ID: Fm0161111 SAMPLE ID: Fm0161111-CS

SAMPLE COLLECTION TIME: 0938

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

photo taken after
EEE #105-0238

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0161111@

GPS Coordinates: Trimble [Y] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brwn silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

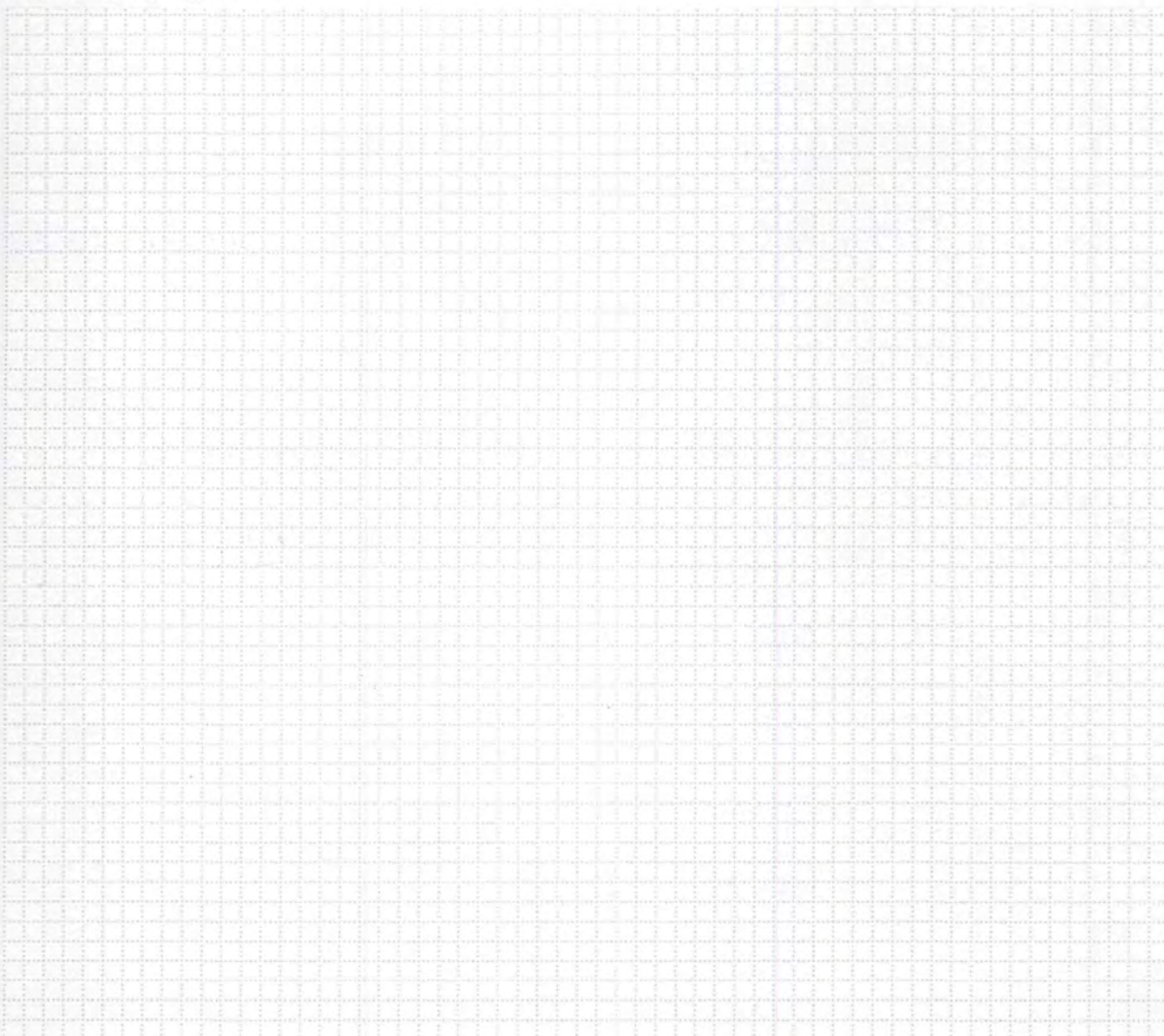
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161WWW SAMPLE ID: Fm0161WWW-CS

SAMPLE COLLECTION TIME: 0945

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brwn clay sandy silt w/ some gravel

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: Fm0161XX SAMPLE ID: Fm0161XX-CS

SAMPLE COLLECTION TIME: 0946

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brwn silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: tan clay

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: med brwn silty clay

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM0161

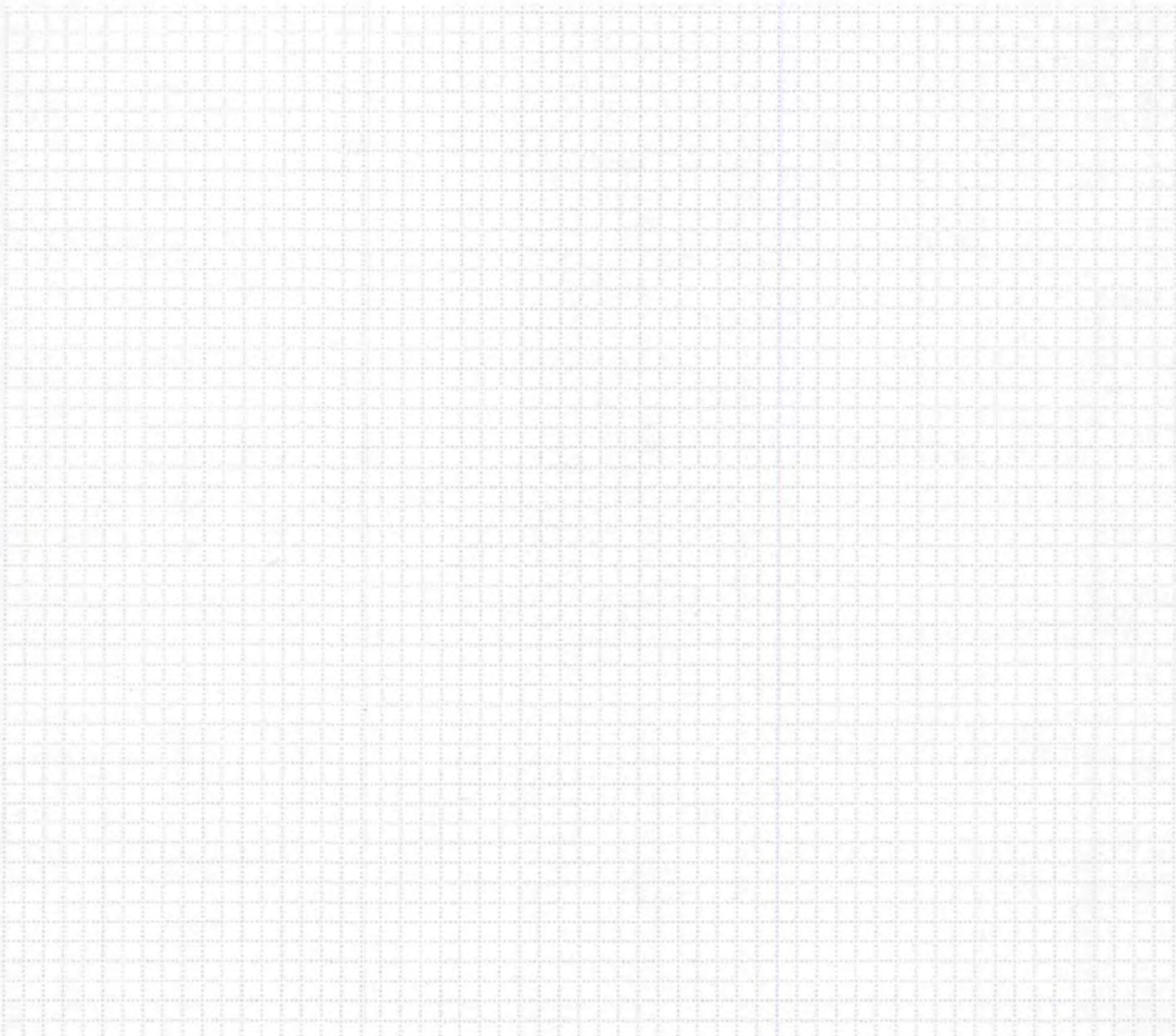
DATE: 2/19/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161YYV SAMPLE ID: FM0161YYV-CS

SAMPLE COLLECTION TIME: 0957

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0161YYV@1000

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brown silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

STATION ID: FM0161ZZZ SAMPLE ID: FM0161ZZZ-CS

SAMPLE COLLECTION TIME: 1015

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brown Sandy silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

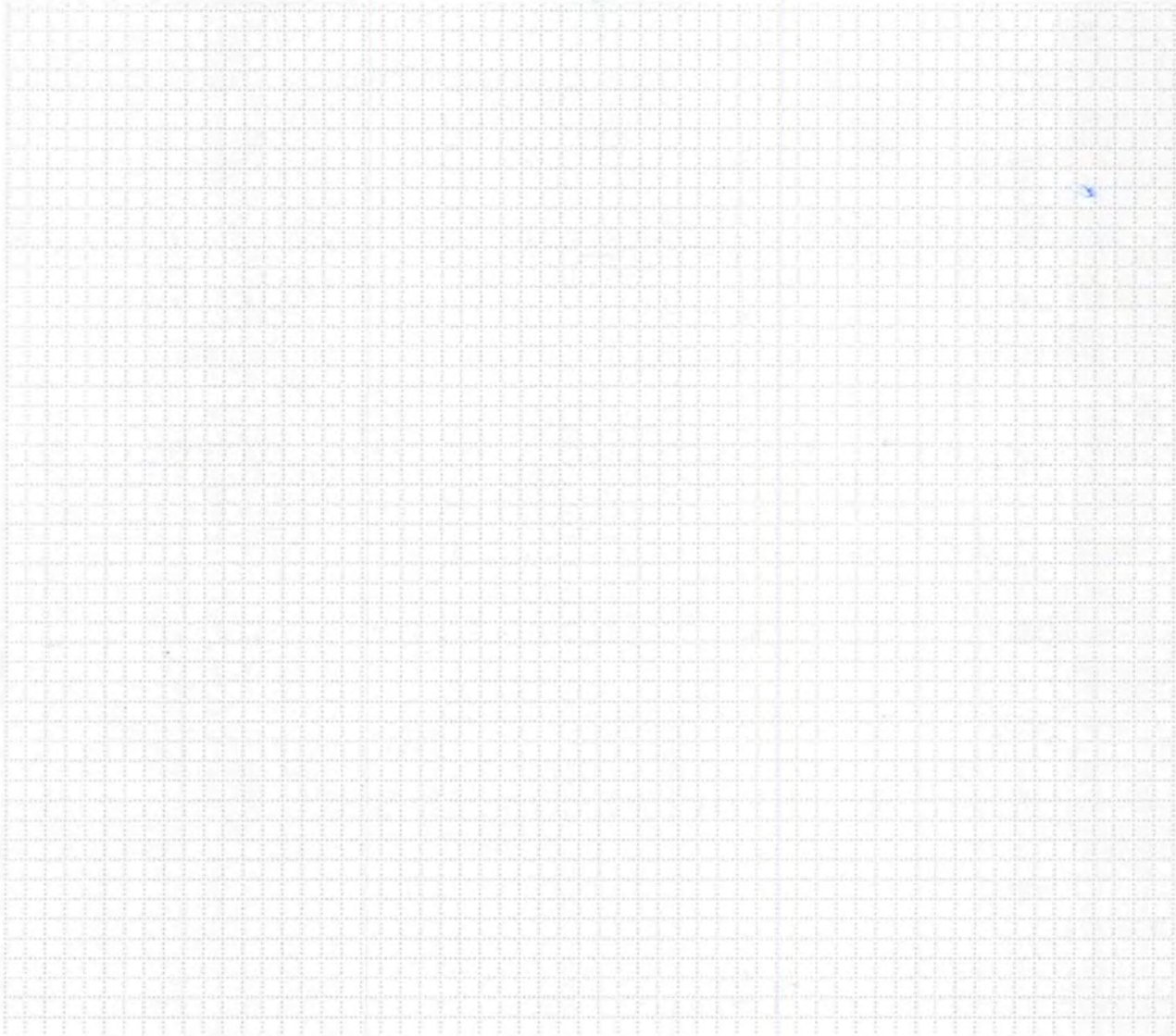
DATE: 2/19/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161AV SAMPLE ID: Fm0161AV-6S

SAMPLE COLLECTION TIME: 1003

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: med brwn silty clay very wet

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

STATION ID: Fm0161AAAA SAMPLE ID: Fm0161AAAA-CS

SAMPLE COLLECTION TIME: 1016

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: med brwn sandy coarse silt

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Same as previous

ADDRESS: _____ PROPERTY ID: Fmd161

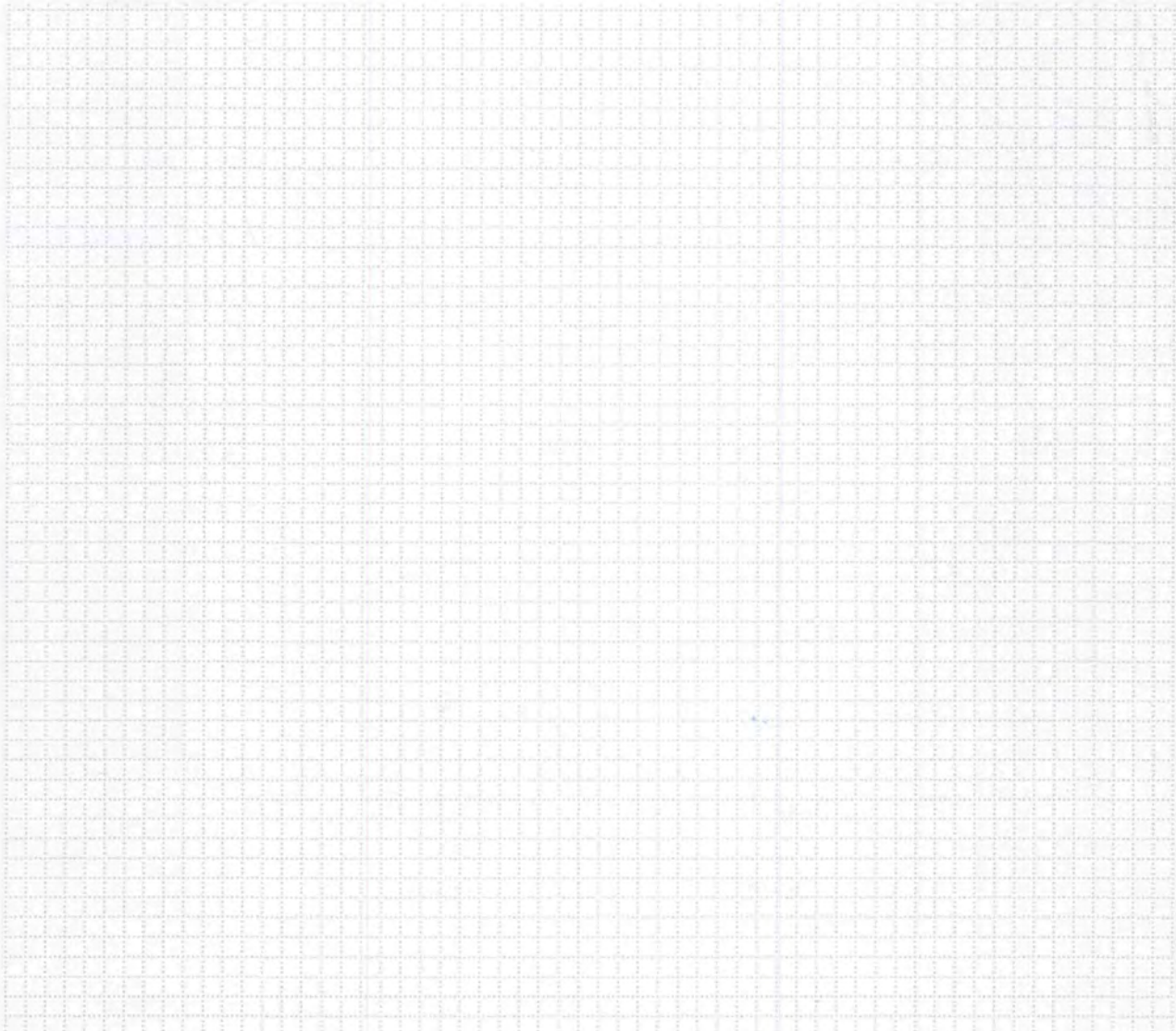
DATE: 2/19/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161BBBB SAMPLE ID: Fm0161BBBB-CS

SAMPLE COLLECTION TIME: 1025

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc): photos 0231 E0232 S

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Med brwn silty clay w/ lots of broken glass

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: tan clay

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: med brwn silty clay

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: same as previous

STATION ID: Fm0161CCCC SAMPLE ID: Fm0161CCCC-CS

SAMPLE COLLECTION TIME: 1028

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc): _____

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: med brwn clay silt

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM0161

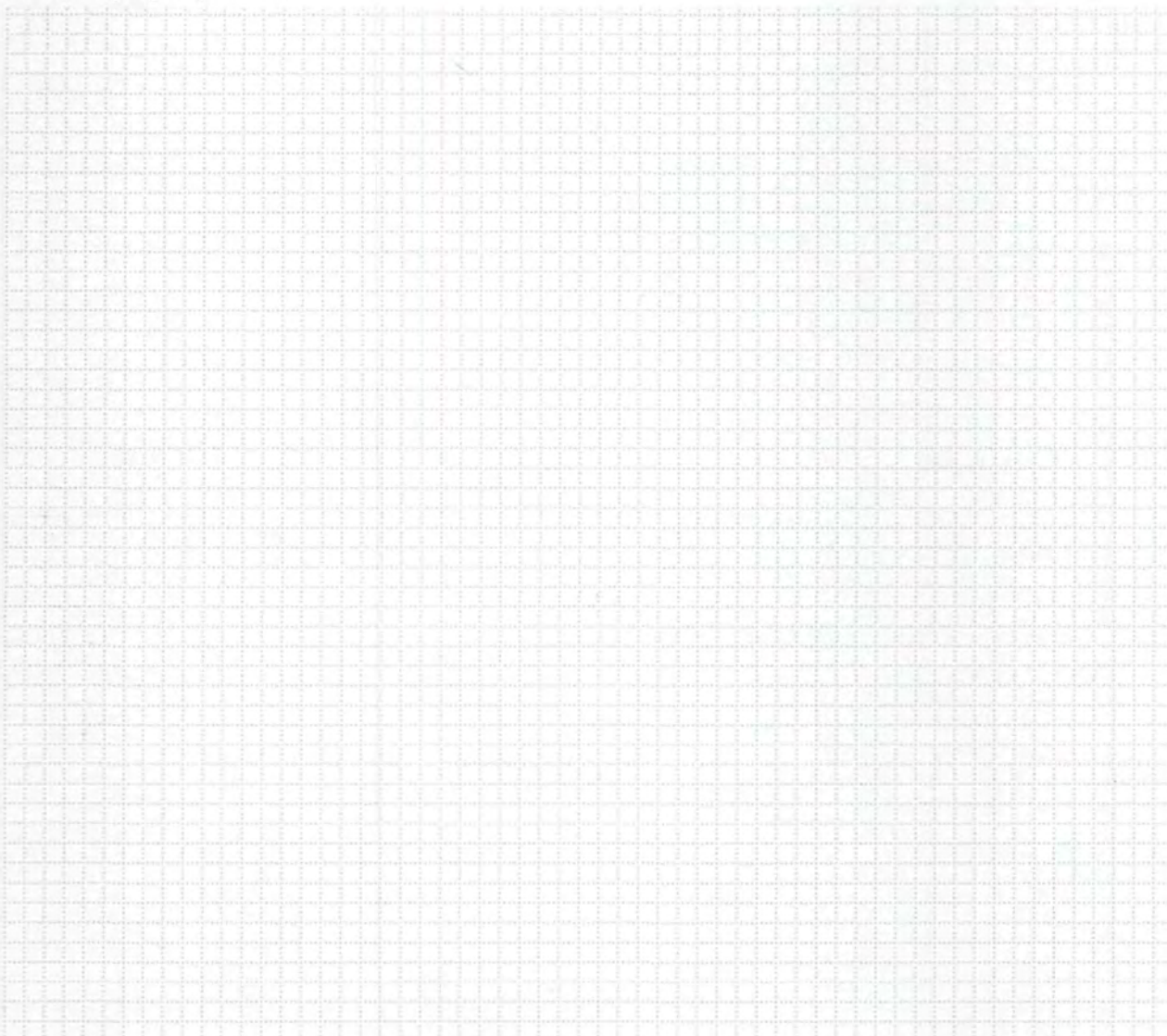
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

48°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161AW SAMPLE ID: Fm0161AW-G5

SAMPLE COLLECTION TIME: 1027

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [✓] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brown wet coarse sandy silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: Fm0161AX SAMPLE ID: Fm0161AX

SAMPLE COLLECTION TIME: 1037

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [✓] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: light brown wet sandy silt w/ gravel

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS: _____ PROPERTY ID: Fm0161

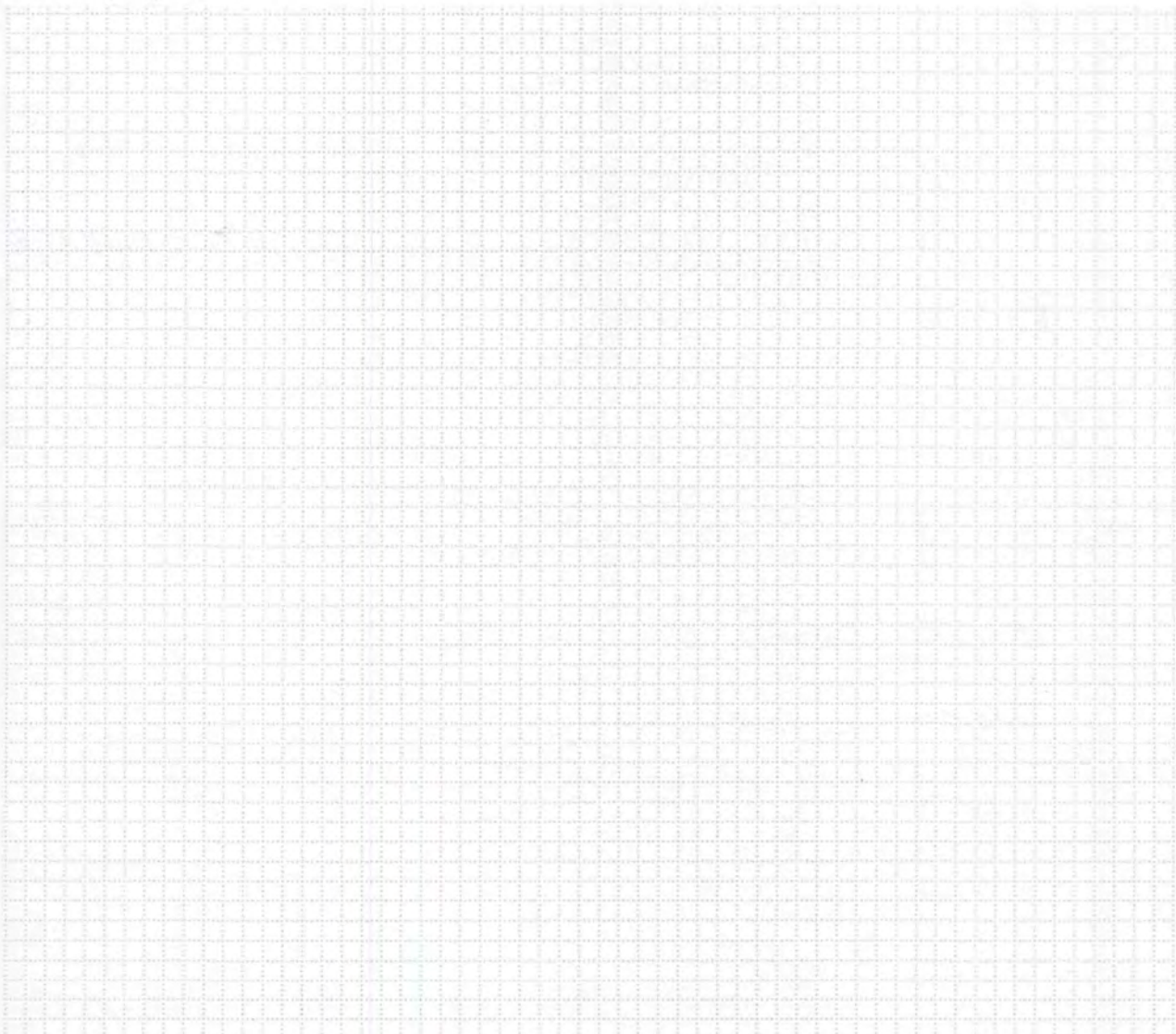
DATE: 2/19/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

48°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161DDDD SAMPLE ID: Fm0161DDDD-CS

SAMPLE COLLECTION TIME: 1038

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒ Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brun silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: Fm0161EEEE SAMPLE ID: Fm0161EEEE-CS

SAMPLE COLLECTION TIME: 1040

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒ Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brun silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM 0161

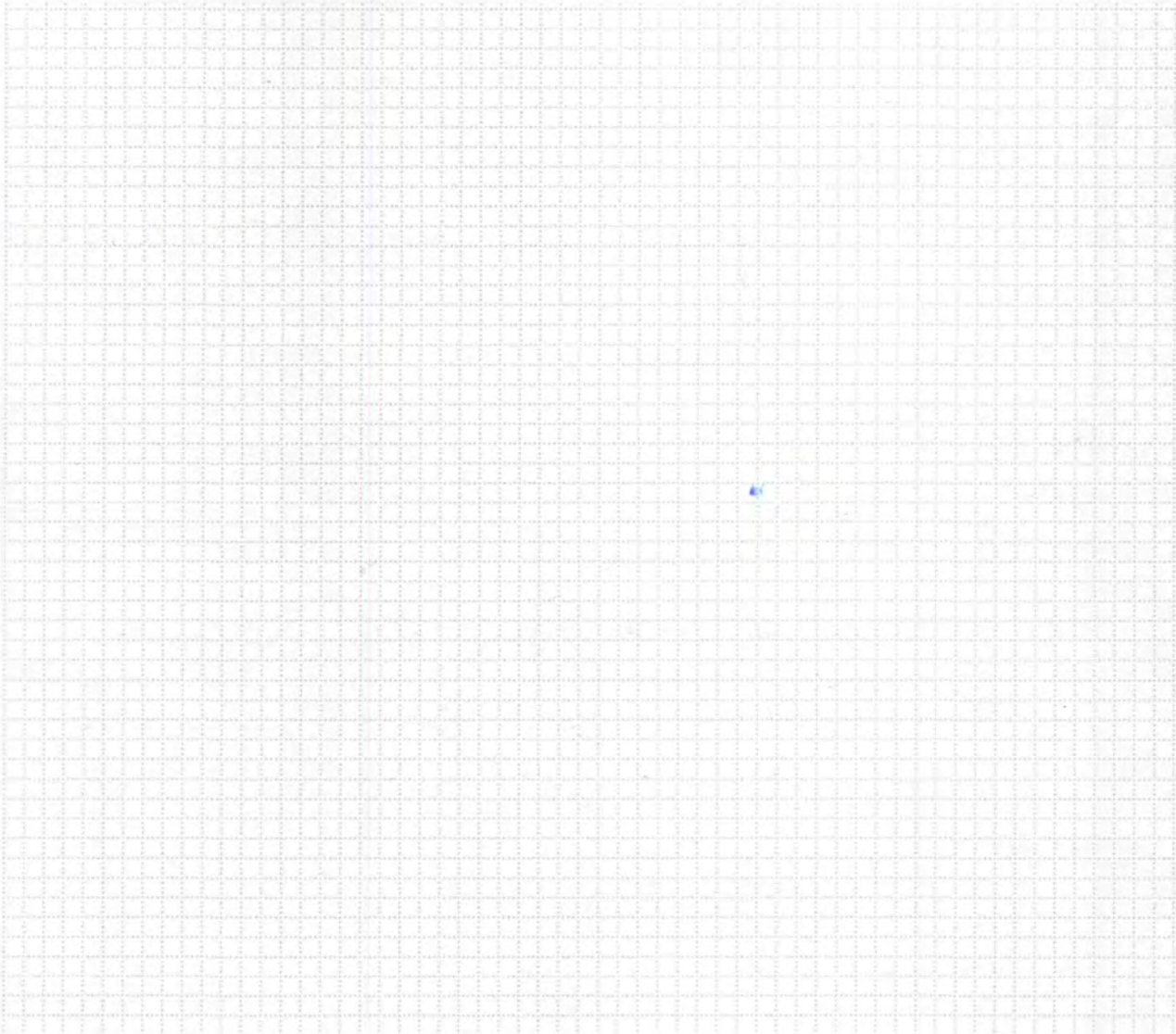
DATE: 2/19/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

48°F, sunny, mild winds

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161FFFF SAMPLE ID: Fm0161FFFF-CS

SAMPLE COLLECTION TIME: 1107

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brn silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: Fm01616666 SAMPLE ID: Fm01616666-CS

SAMPLE COLLECTION TIME: 1110

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm01616666 @

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brn sandy clay silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

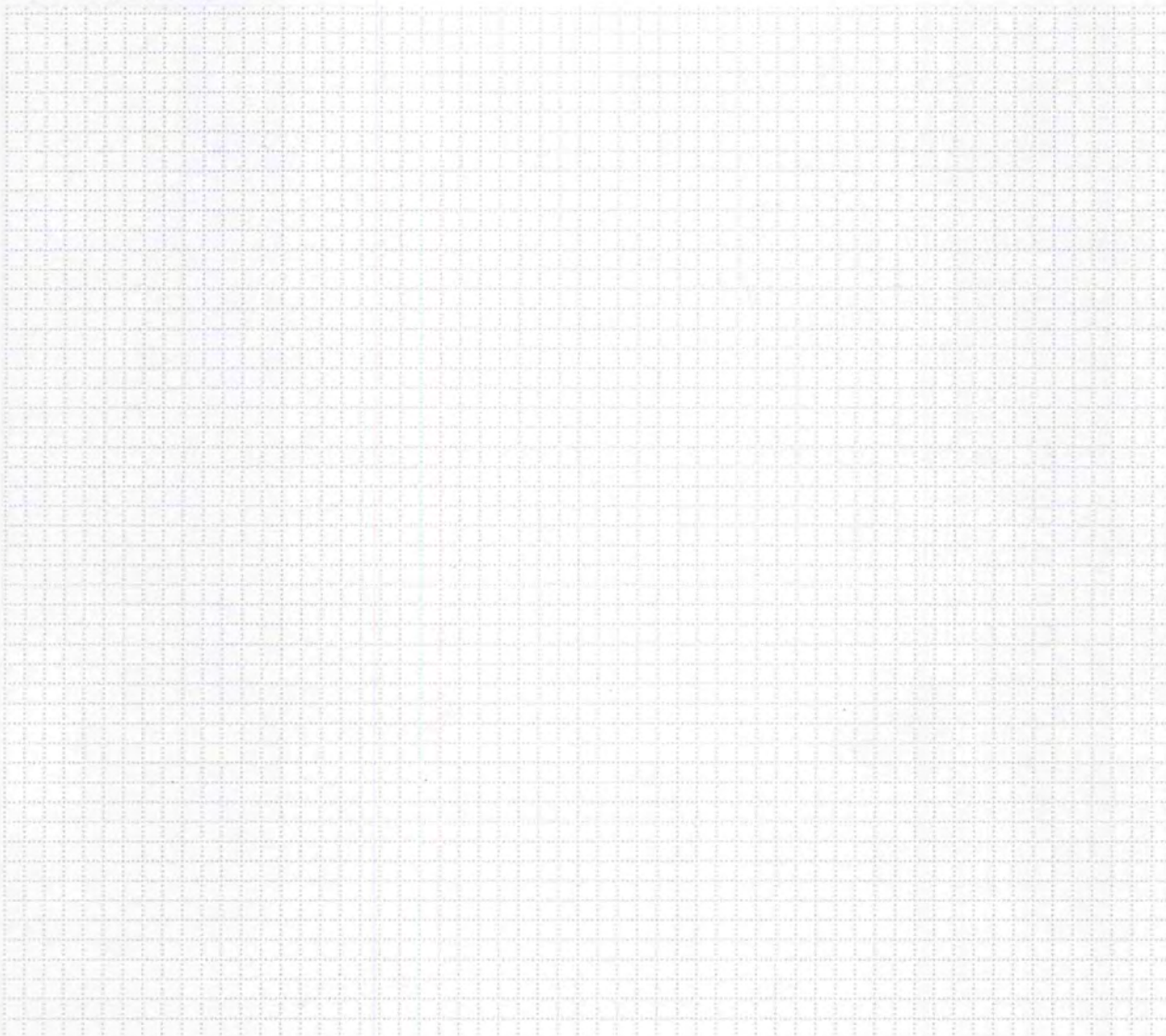
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

48°F, sunny, mild winds

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161HHHH SAMPLE ID: Fm0161HHHH-CS

SAMPLE COLLECTION TIME: 1115

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Dk brown Sandy clay silt

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: Dk brown Sandy clay silt

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Dk brown Sandy clay silt

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: reddish brown silty clay

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Dk brown sandy clay silt

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: BB

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

ADDRESS: _____ PROPERTY ID: Fm0161

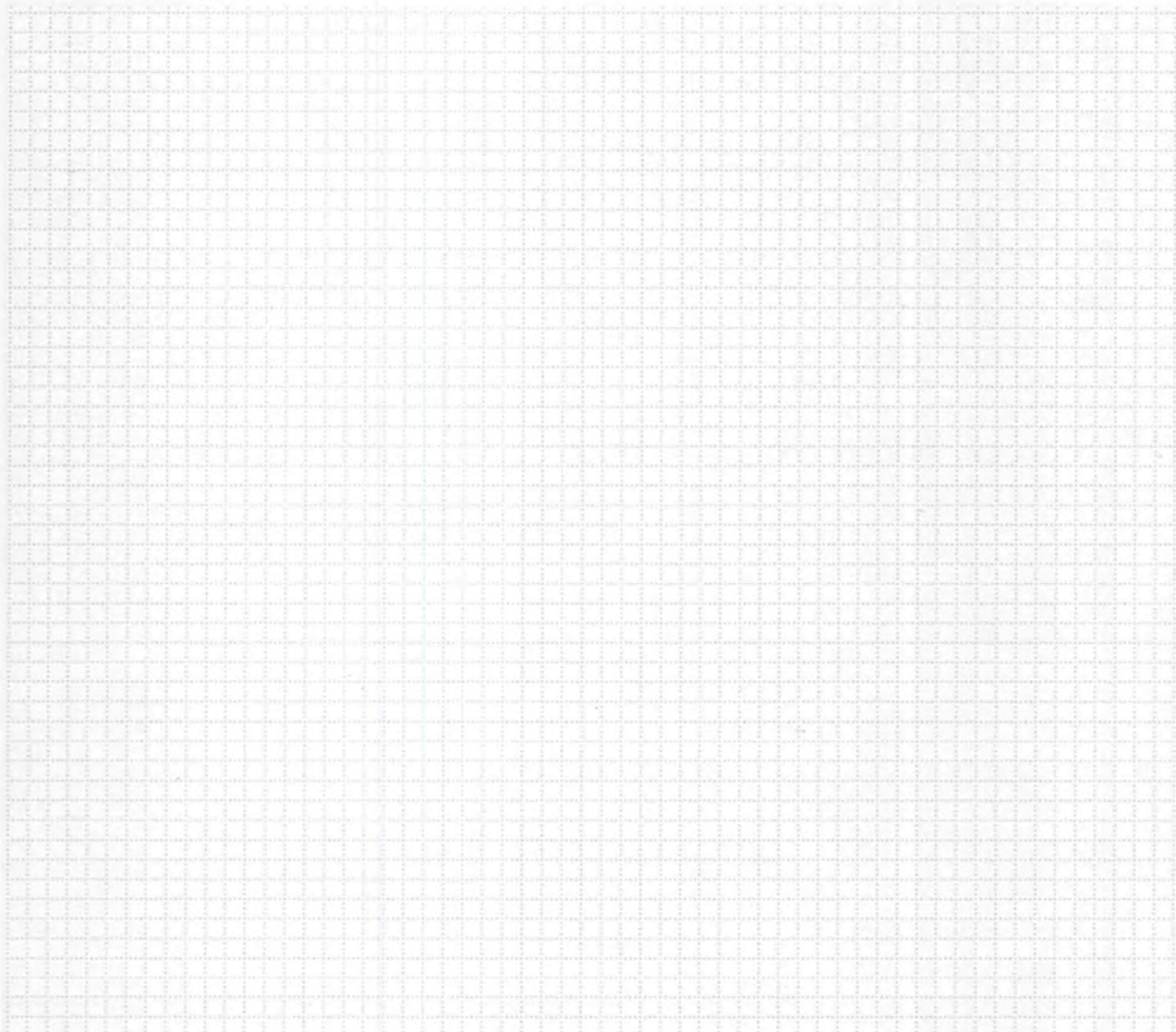
DATE: 2/19/13 ARRIVAL TIME: 1235

Other pertinent information (weather conditions, etc.):

50°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161 IIIISAMPLE ID: Fm0161 IIII-CSSAMPLE COLLECTION TIME: 1249Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
_____Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brown silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previousSTATION ID: Fm0161 JJJJSAMPLE ID: Fm0161 JJJJ-CSSAMPLE COLLECTION TIME: 1253Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
_____Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brown silty soil

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

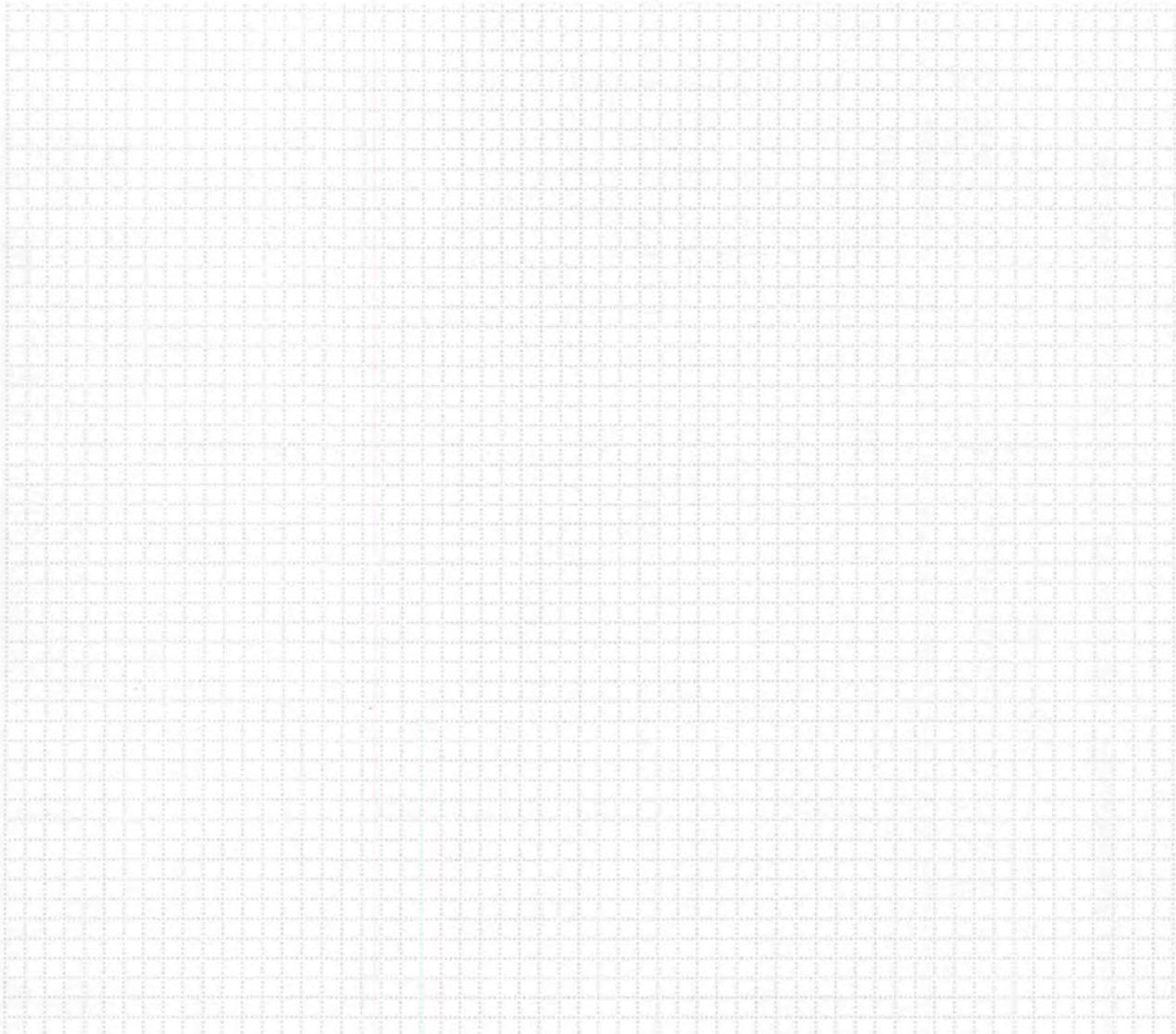
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

50°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161KKKK SAMPLE ID: Fm0161KKKK-CS

SAMPLE COLLECTION TIME: 1258

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brun silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: Fm0161LLL SAMPLE ID: Fm0161LLL-CS

SAMPLE COLLECTION TIME: 1306

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0161LLL @

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: dk brun to blk silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

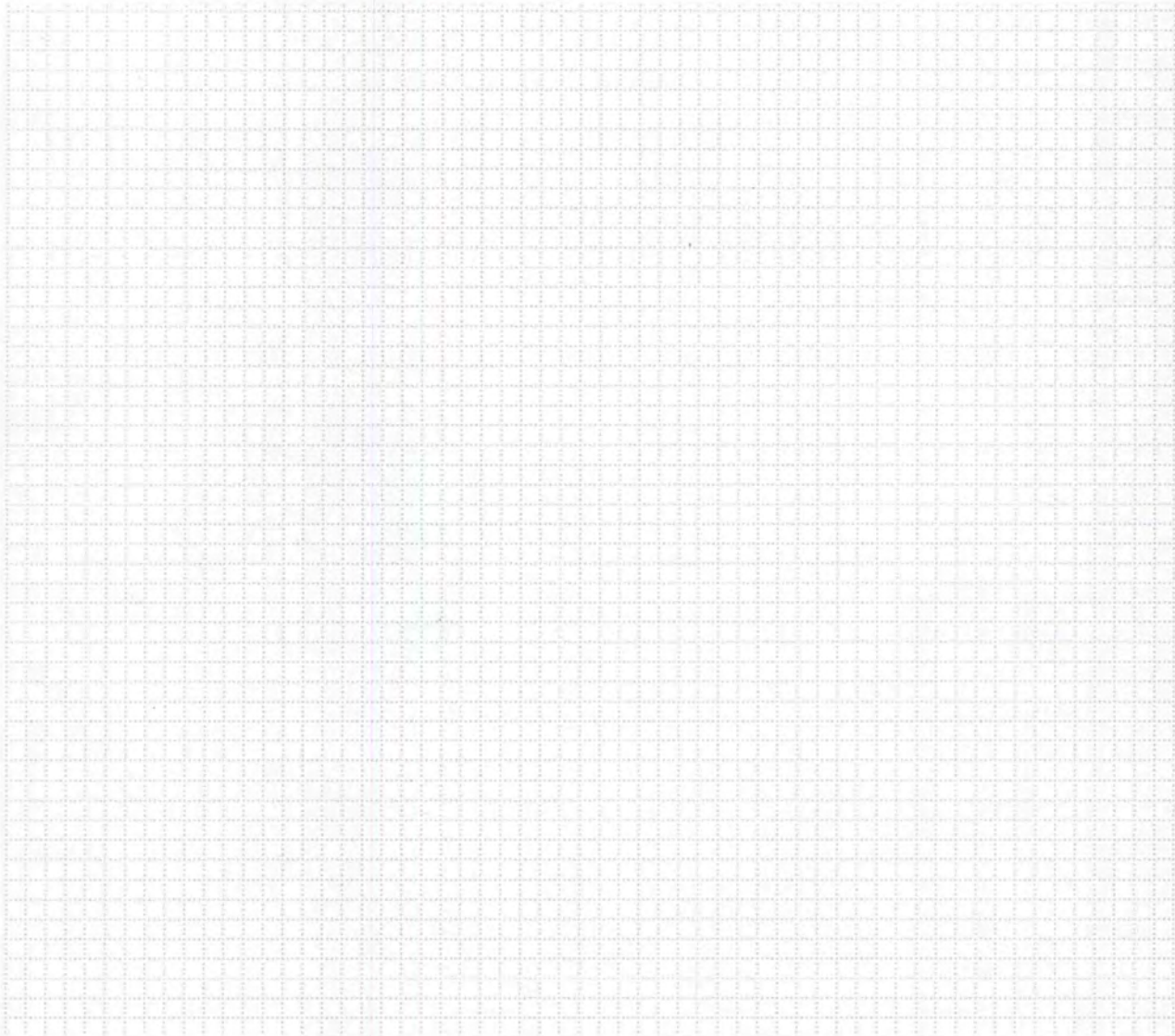
DATE: 2/19/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

50°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161AY SAMPLE ID: Fm0161AY-GS

SAMPLE COLLECTION TIME: 1311

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? <u>Y</u> or N	
Aliquot #1: Latitude: <u>med</u>	N Longitude _____ W
Media description: <u>Brun silty soil</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #4: Latitude: _____	N Longitude <u>BO</u> W
Media description: _____	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	

STATION ID: Fm0161mmmm SAMPLE ID: Fm0161mmmm-CS

SAMPLE COLLECTION TIME: 1322

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? <u>Y</u> or N	
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: <u>DK brun silty soil</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: <u>same as previous</u>	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: <u>same as previous</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: <u>same as previous</u>	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: <u>same as previous</u>	

ADDRESS: _____ PROPERTY ID: FM 0161

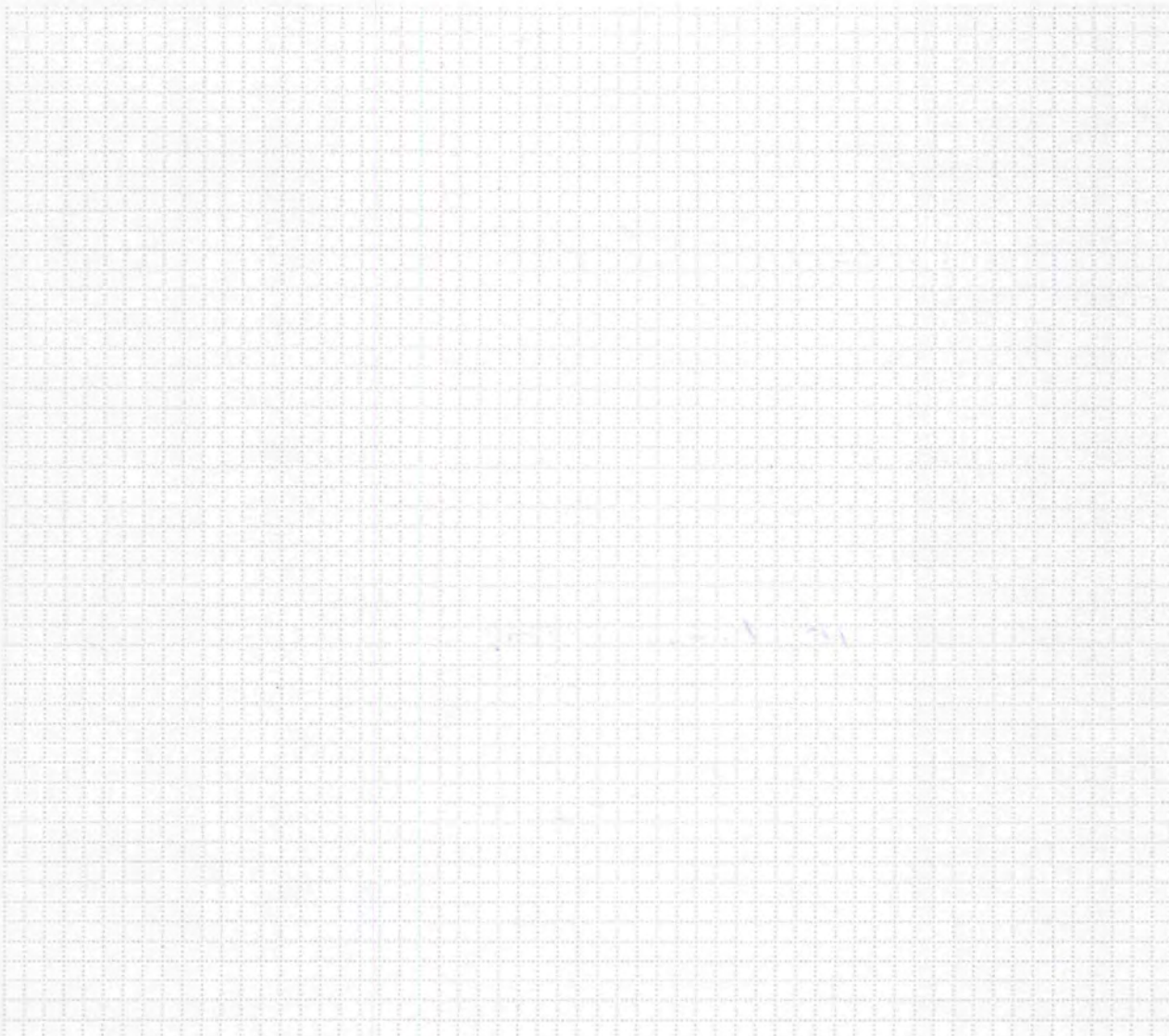
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

50°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161NNNN SAMPLE ID: Fm0161NNNN-CS

SAMPLE COLLECTION TIME: 1338

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brun sandy silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

STATION ID: Fm0161A2 SAMPLE ID: Fm0161A2-GS

SAMPLE COLLECTION TIME: 1330

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brun sand

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS: _____ PROPERTY ID: Fm0161

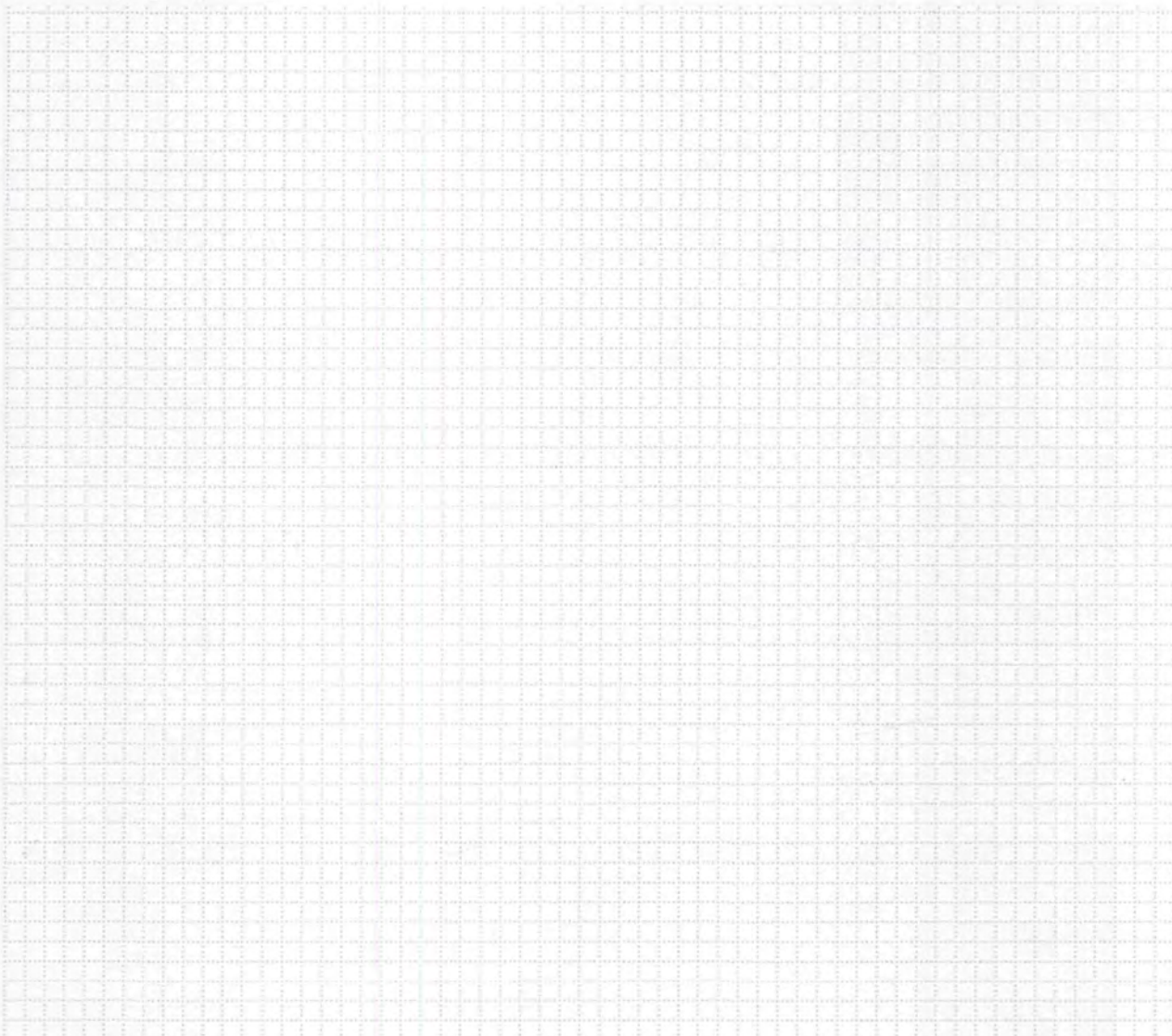
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

50°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161ABB SAMPLE ID: Fm0161ABB-GJ

SAMPLE COLLECTION TIME: 1332

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W
Media description: wet DK brn silty clay

Aliquot #2: Latitude: _____ N Longitude _____ W
Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W
Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: _____

STATION ID: Fm0161ACC SAMPLE ID: Fm0161ACC-GJ

SAMPLE COLLECTION TIME: 1349

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W
Media description: med brn silty sand w/ gravel wet

Aliquot #2: Latitude: _____ N Longitude _____ W
Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W
Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: _____

ADDRESS: _____ PROPERTY ID: Fme161

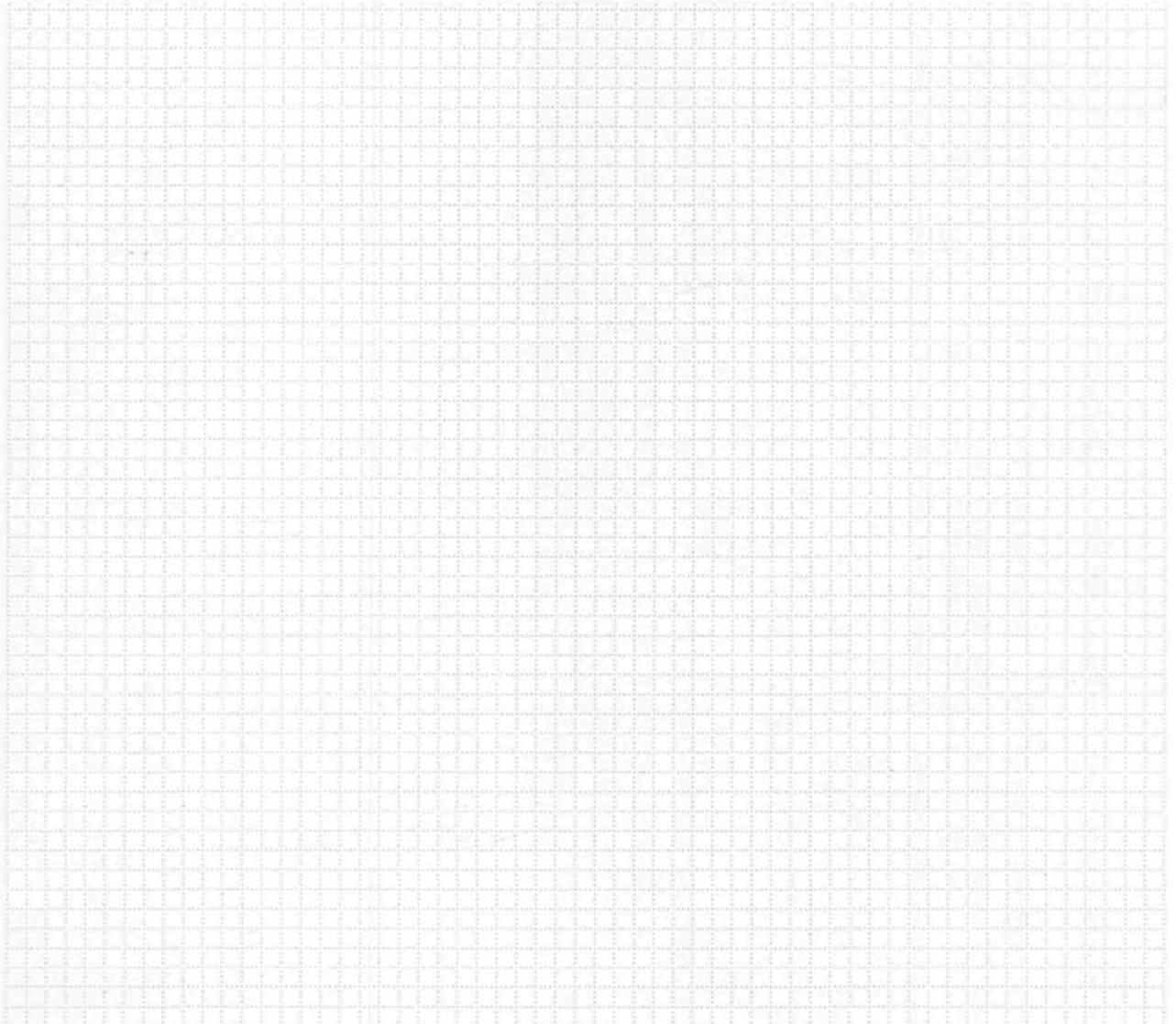
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

50°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm01610000 SAMPLE ID: Fm01610000-CS

SAMPLE COLLECTION TIME: 1345

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? (Y) or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: DK brun silty soil

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: DK brun silty soil

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: light brun clay w/ gravel

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: DK brun silty soil

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: light brun clay w/ gravel

STATION ID: Fm0161PPPP SAMPLE ID: Fm0161PPPP-CS

SAMPLE COLLECTION TIME: 1346

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0161PPPP @

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? (Y) or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: med brun silty clay

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

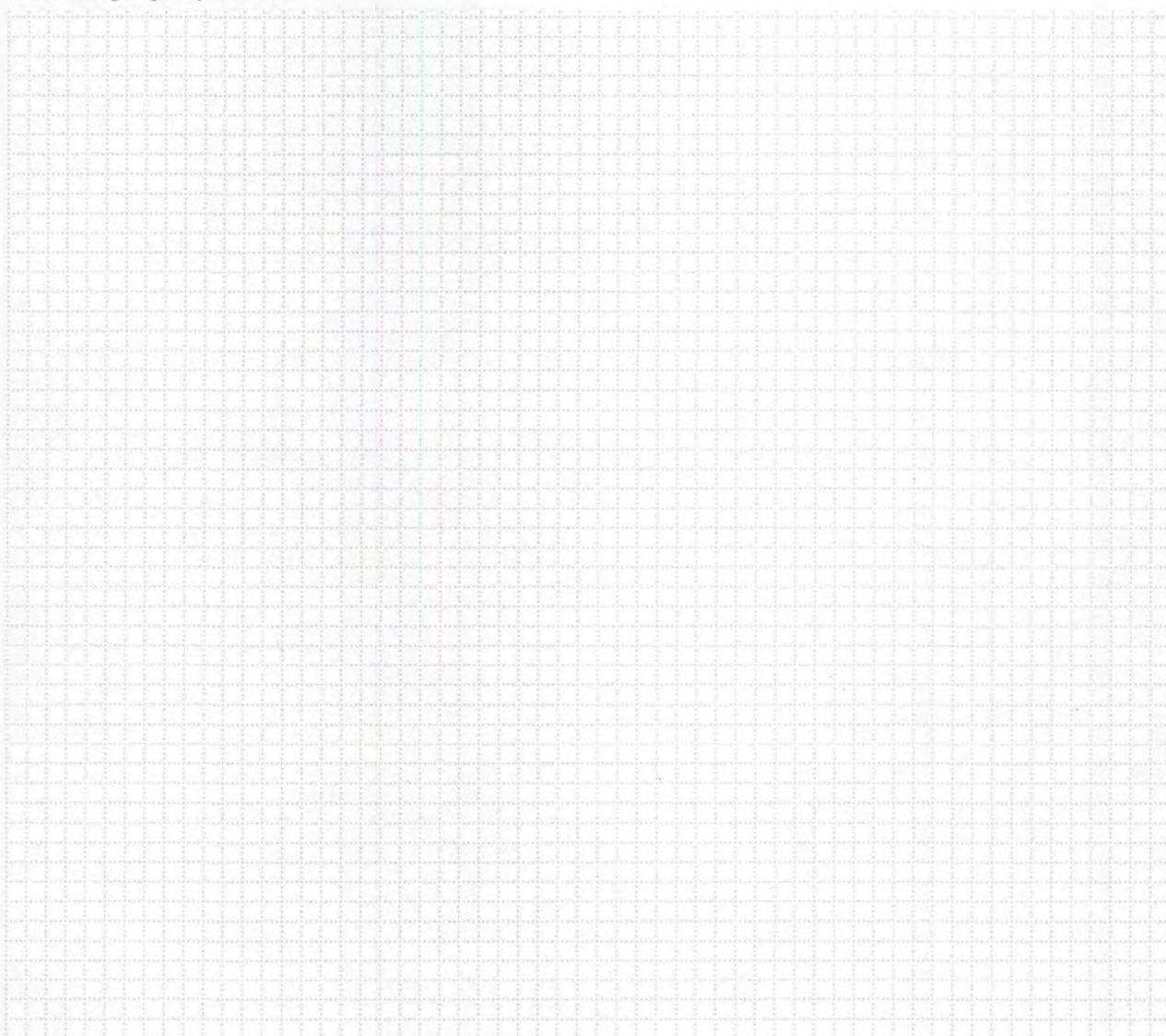
DATE: 2/19/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

50°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161 QQQQ SAMPLE ID: Fm0161 QQQQ-CS

SAMPLE COLLECTION TIME: 1350

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: dk brown sandy clay silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous w/ a coal fragment

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: Fm0161 ADD SAMPLE ID: Fm0161 ADD-AS

SAMPLE COLLECTION TIME: 1358

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med brun silty sand w/ coal chips + gravel

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS: _____ PROPERTY ID: Fm0161

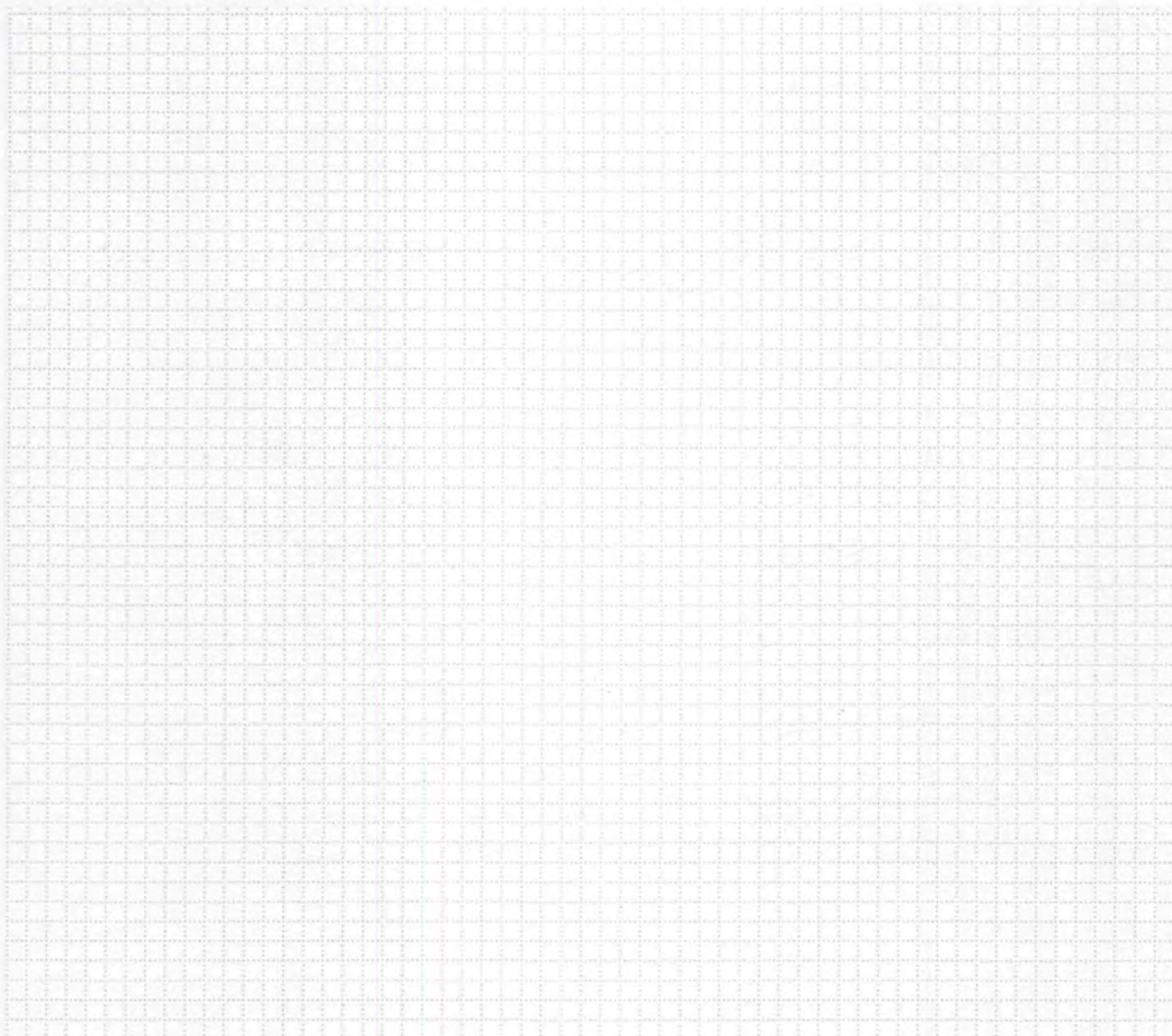
DATE: 2/19/13 ARRIVAL TIME: ✓

Other pertinent information (weather conditions, etc.):

50°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161RRRR SAMPLE ID: Fm0161RRRR-CS

SAMPLE COLLECTION TIME: 1357

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brun silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: DK brun silty clay

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: reddish brown silty clay

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: DK brun silty clay

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: DK brun silty clay

STATION ID: Fm0161SSSS SAMPLE ID: Fm0161SSSS-CS

SAMPLE COLLECTION TIME: 1401

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brun sandy silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

ADDRESS: _____ PROPERTY ID: Fm0161

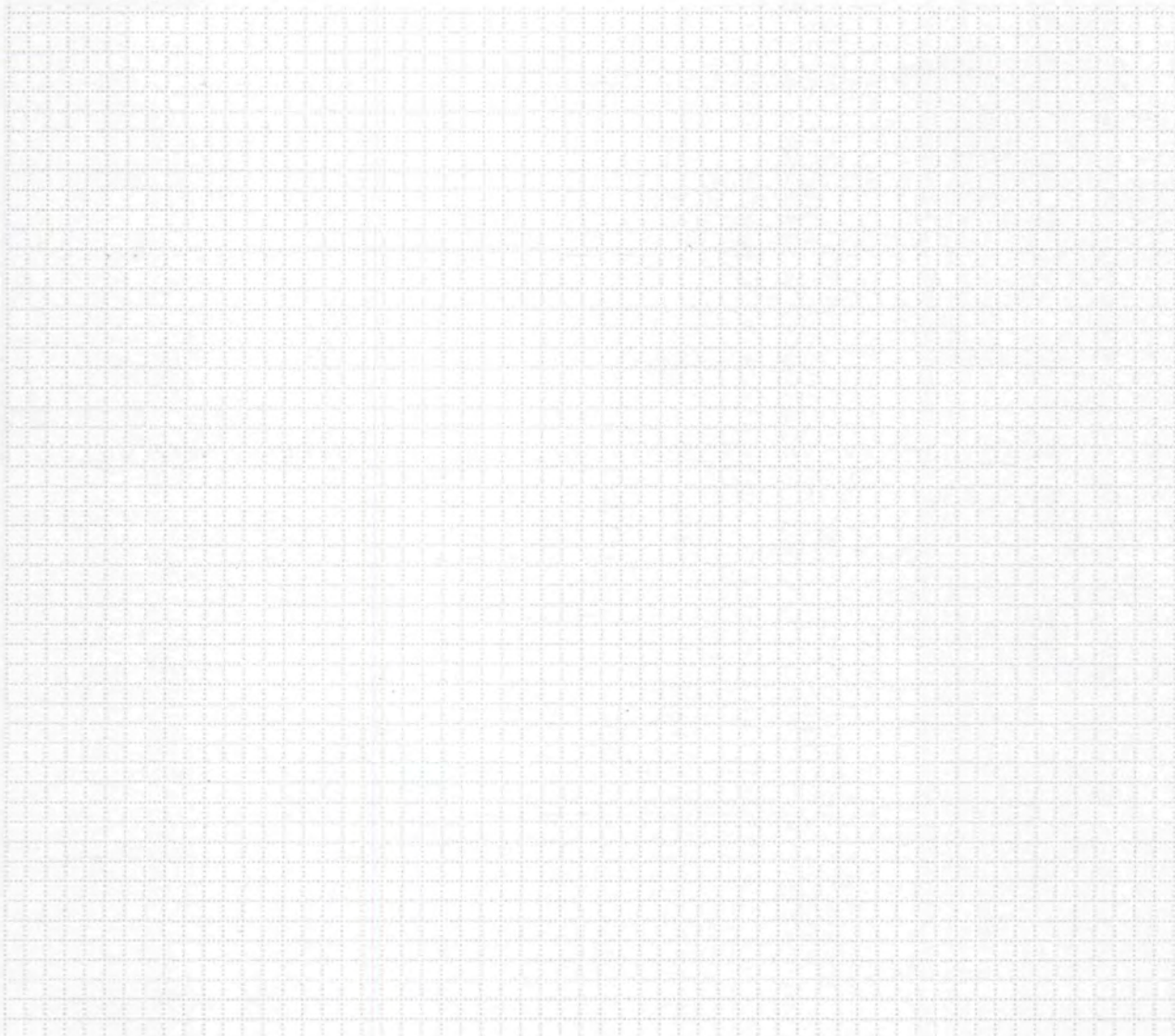
DATE: 2/19/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

50°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0161AEE SAMPLE ID: Fm0161AEE-GS

SAMPLE COLLECTION TIME: 1405

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? ☒ Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty sand wet w/ gravel

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____ BB

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: Fm0161TTT SAMPLE ID: Fm0161TTT-CS

SAMPLE COLLECTION TIME: 1407

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? ☒ Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty soil

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: DK brwn wet silty soil

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty soil

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty soil

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty soil

ADDRESS: (b) (6)

PROPERTY ID: FM0033

DATE: 2/19/13

ARRIVAL TIME: 1510

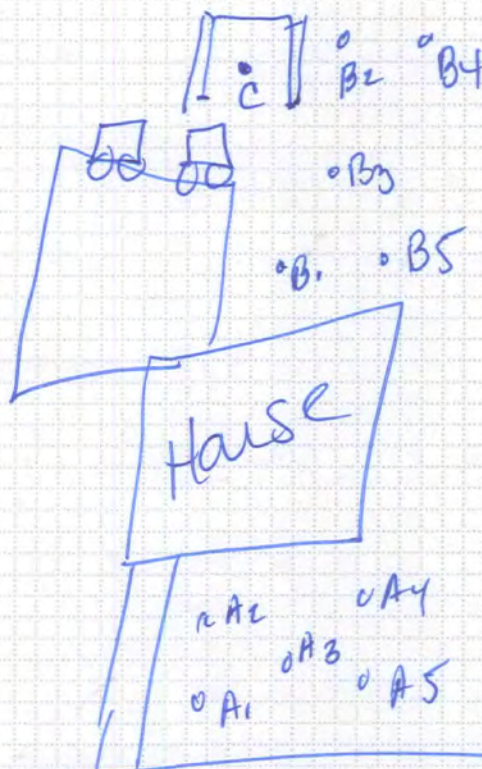
Other pertinent information (weather conditions, etc.):

50°F, Sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: Fm0033A SAMPLE ID: Fm0033A CS

SAMPLE COLLECTION TIME: 1524

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 018594 Logged? (Y) or N

Aliquot #1: Latitude: 33.56720407 N Longitude 86.81043521 W

Media description: DK brun clay silt w/ coal fragment + gravel

Aliquot #2 Latitude: 33.56720761 N Longitude 86.81039602 W

Media description: same as previous

Aliquot #3: Latitude: 33.56715802 N Longitude 86.81041312 W

Media description: same as previous

Aliquot #4: Latitude: 33.56711377 N Longitude 86.81037969 W

Media description: same as previous

Aliquot #5: Latitude: 33.56710872 N Longitude 86.81043316 W

Media description: same as previous

STATION ID: Fm0033B SAMPLE ID: Fm0033B-CS

SAMPLE COLLECTION TIME: 1534

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 018594 Logged? (Y) or N

Aliquot #1: Latitude: 33.56714987 N Longitude 86.81022955 W

Media description: DK brun clay silt

Aliquot #2 Latitude: 33.56716444 N Longitude 86.81007161 W

Media description: reddish brun silt clay

Aliquot #3: Latitude: 33.56713890 N Longitude 86.81014907 W

Media description: DK brun clay silt

Aliquot #4: Latitude: 33.56710115 N Longitude 86.81005919 W

Media description: DK brun clay silt

Aliquot #5: Latitude: 33.56710951 N Longitude 86.81023731 W

Media description: DK brun clay silt

ADDRESS: **(b) (6)** PROPERTY ID: Fm0033
DATE: 2/19/13 ARRIVAL TIME: 1510

Other pertinent information (weather conditions, etc.):

50°F, Sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch

PETER to page

84

Burthney

Duo

STATION ID: FM0033C SAMPLE ID: FM0033C-65

SAMPLE COLLECTION TIME: 1540

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 98594 Logged? Y or N

Aliquot #1: Latitude: 33.56716744 N Longitude: 86.81004587 W

Media description: Die brun Sandy silt

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: BB W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☐] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

(b) (6)

ADDRESS: _____ PROPERTY ID: Fm0037

DATE: 2/19/13 ARRIVAL TIME: 1542

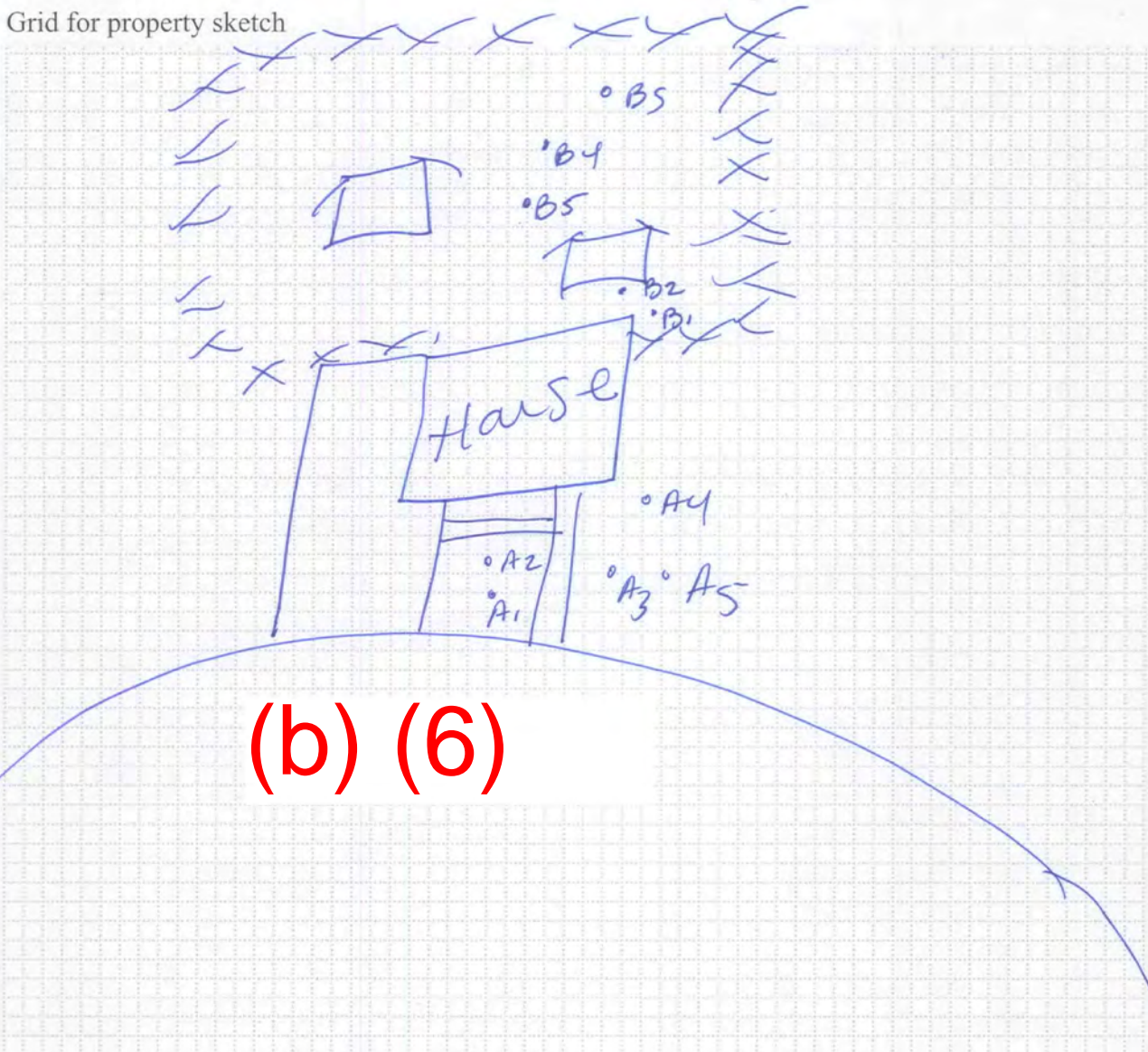
Other pertinent information (weather conditions, etc.):

50°F, Sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: FM0037A SAMPLE ID: FM0037A-CS

SAMPLE COLLECTION TIME: 1558

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.56738162 N Longitude 86.81022866 W
33.56738941 86.81041181
Media description: DK brown clay silt u/ some gravel

Aliquot #2: Latitude: 33.56739544 N Longitude 86.81018815 W
33.56738029 86.81038561
Media description: same as previous

Aliquot #3: Latitude: 33.56741591 N Longitude 86.81011512 W
33.56748357 86.81040825
Media description: same as previous

Aliquot #4: Latitude: 33.56740728 N Longitude 86.81007602 W
33.56741021 86.81036690
Media description: same as previous

Aliquot #5: Latitude: 33.56739330 N Longitude 86.81005955 W
33.56740381 86.81044779
Media description: same as previous

STATION ID: FM0037B SAMPLE ID: FM0037B-CS

SAMPLE COLLECTION TIME: 1610

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.56738162 N Longitude 86.81022866 W
Media description: DK brown sandy silt

Aliquot #2: Latitude: 33.56739544 N Longitude 86.81018815 W
Media description: same as previous

Aliquot #3: Latitude: 33.56741591 N Longitude 86.81011512 W
Media description: DK brown sandy silt u/ fine gravel

Aliquot #4: Latitude: 33.56740728 N Longitude 86.81007602 W
Media description: same as previous

Aliquot #5: Latitude: 33.56739330 N Longitude 86.81005955 W
Media description: same as previous

(b) (6)

ADDRESS:

PROPERTY ID:

#100008

DATE:

01/20/2003

ARRIVAL TIME:

0826

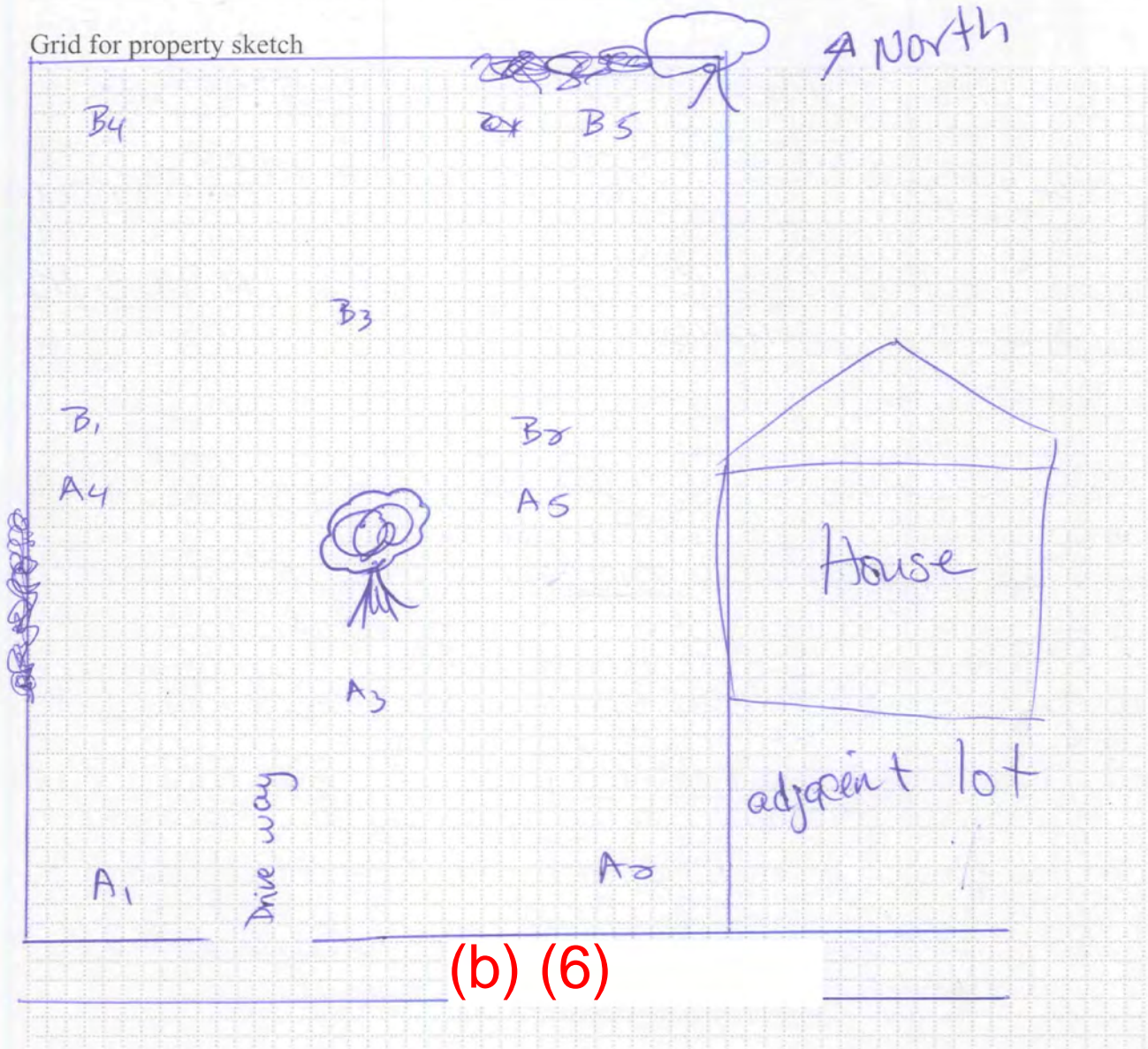
Other pertinent information (weather conditions, etc.):

370 F feels like 310 F; Sunny; 9 NNE mph

PROPERTY COMMENTS:

Vacant property

Grid for property sketch



(b) (6)

STATION ID: HP0228ASAMPLE ID: HP0228A-CSSAMPLE COLLECTION TIME: 0910

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

first halfCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 018594 Logged? Y or NAliquot #1: Latitude: 33.56675908 N Longitude 86.79244725 WMedia description: Dark brown gravelly silty clay w/ coal fragments, dampAliquot #2 Latitude: 33.56675430 N Longitude 86.79236710 WMedia description: Same as #1Aliquot #3: Latitude: 33.56682839 N Longitude 86.79239266 WMedia description: Same as #1 79245424Aliquot #4: Latitude: 33.56690823 N Longitude 86.79240823 WMedia description: Same as #1Aliquot #5: Latitude: 33.56691573 N Longitude 86.79238923 WMedia description: Same as #1STATION ID: HP0228BSAMPLE ID: HP0228B-CSSAMPLE COLLECTION TIME: 0920

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

second halfCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble [☒] Instrument #: 018594 Logged? Y or NAliquot #1: Latitude: 33.56694580 N Longitude 86.79245447 WMedia description: dark brown gravelly silty clay w/ coal fragments dampAliquot #2 Latitude: 33.56694238 N Longitude 86.79233759 WMedia description: Same as #1Aliquot #3: Latitude: 33.56701615 N Longitude 86.7923910x WMedia description: Same as #1Aliquot #4: Latitude: 33.56710394 N Longitude 86.79244598 WMedia description: Same as #1Aliquot #5: Latitude: 33.56708359 N Longitude 86.79235289 WMedia description: Same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

HP0230

DATE:

2/20/13

ARRIVAL TIME:

0826

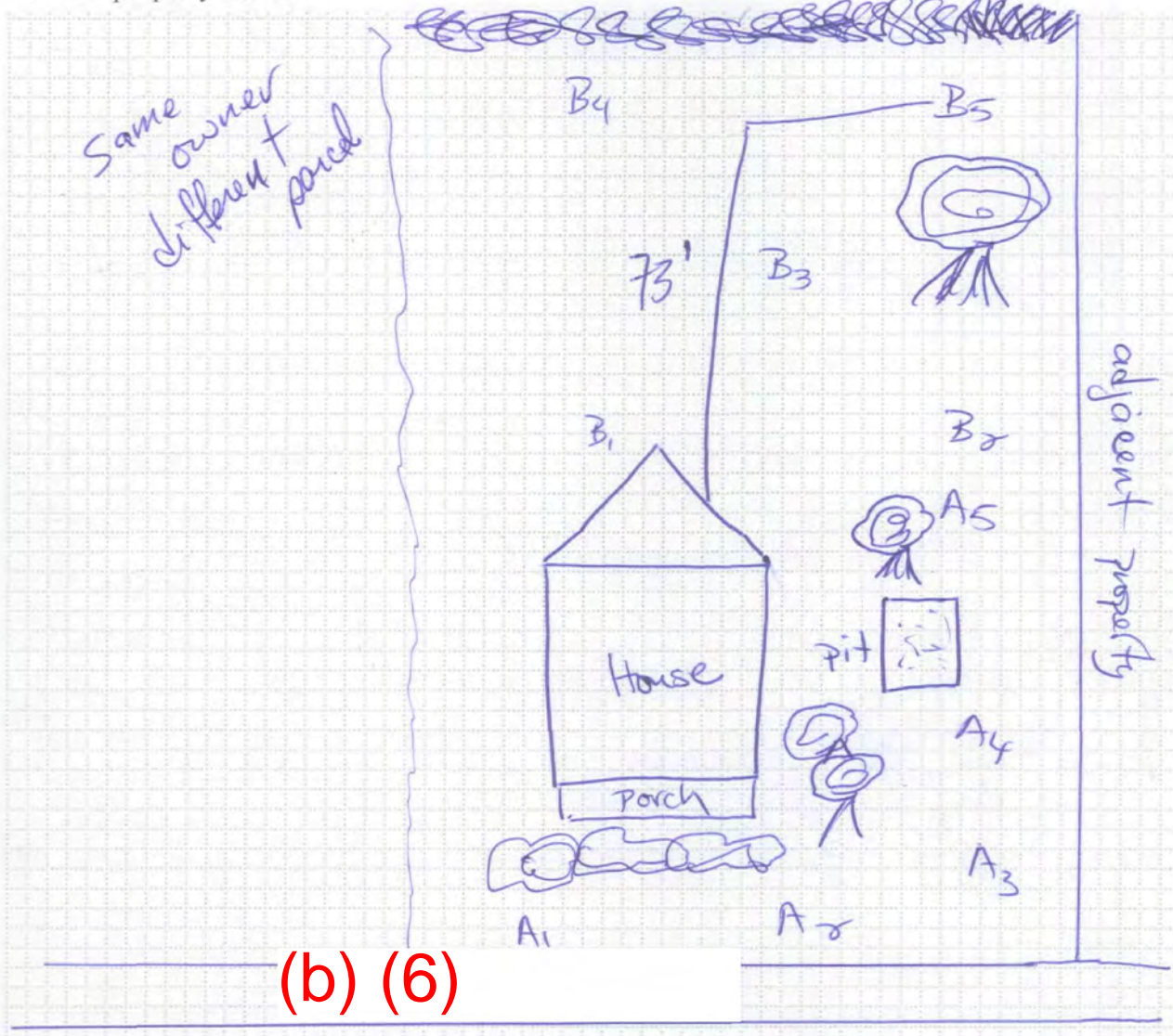
Other pertinent information (weather conditions, etc.):

37°F feels like 31°F; ~~sunny~~ partially cloudy; NNE 9mph

PROPERTY COMMENTS:

vacant property

Grid for property sketch



STATION ID: HP0230A SAMPLE ID: HP0230A-CS

SAMPLE COLLECTION TIME: 0929

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

front / side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.54676833 N Longitude 86.79237889 W

Media description: dark brown silty clay w/ coal fragments damp

Aliquot #2 Latitude: 33.54674975 N Longitude 86.79231073 W

Media description: same as #1

Aliquot #3: Latitude: 33.54674514 N Longitude 86.79224440 W

Media description: same as #1

Aliquot #4: Latitude: 33.54681728 N Longitude 86.79223935 W

Media description: same as #1

Aliquot #5: Latitude: 33.54685370 N Longitude 86.79216642 W

Media description: reddish brown clay damp

STATION ID: HP0230B SAMPLE ID: HP0230B-CS

SAMPLE COLLECTION TIME: 0939

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.54693026 N Longitude 86.79230019 W

Media description: dark brown silty clay with gravel damp

Aliquot #2 Latitude: 33.54693802 N Longitude 86.79219491 W

Media description: reddish brown silty clay

Aliquot #3: Latitude: 33.54700772 N Longitude 86.79224627 W

Media description: same as #1

Aliquot #4: Latitude: 33.54709584 N Longitude 86.79228547 W

Media description: same as #1

Aliquot #5: Latitude: 33.54709772 N Longitude 86.79220054 W

Media description: reddish brown silty clay

ADDRESS: **(b) (6)** PROPERTY ID: HP0223
DATE: 2/20/13 ARRIVAL TIME: 0955

Other pertinent information (weather conditions, etc.):

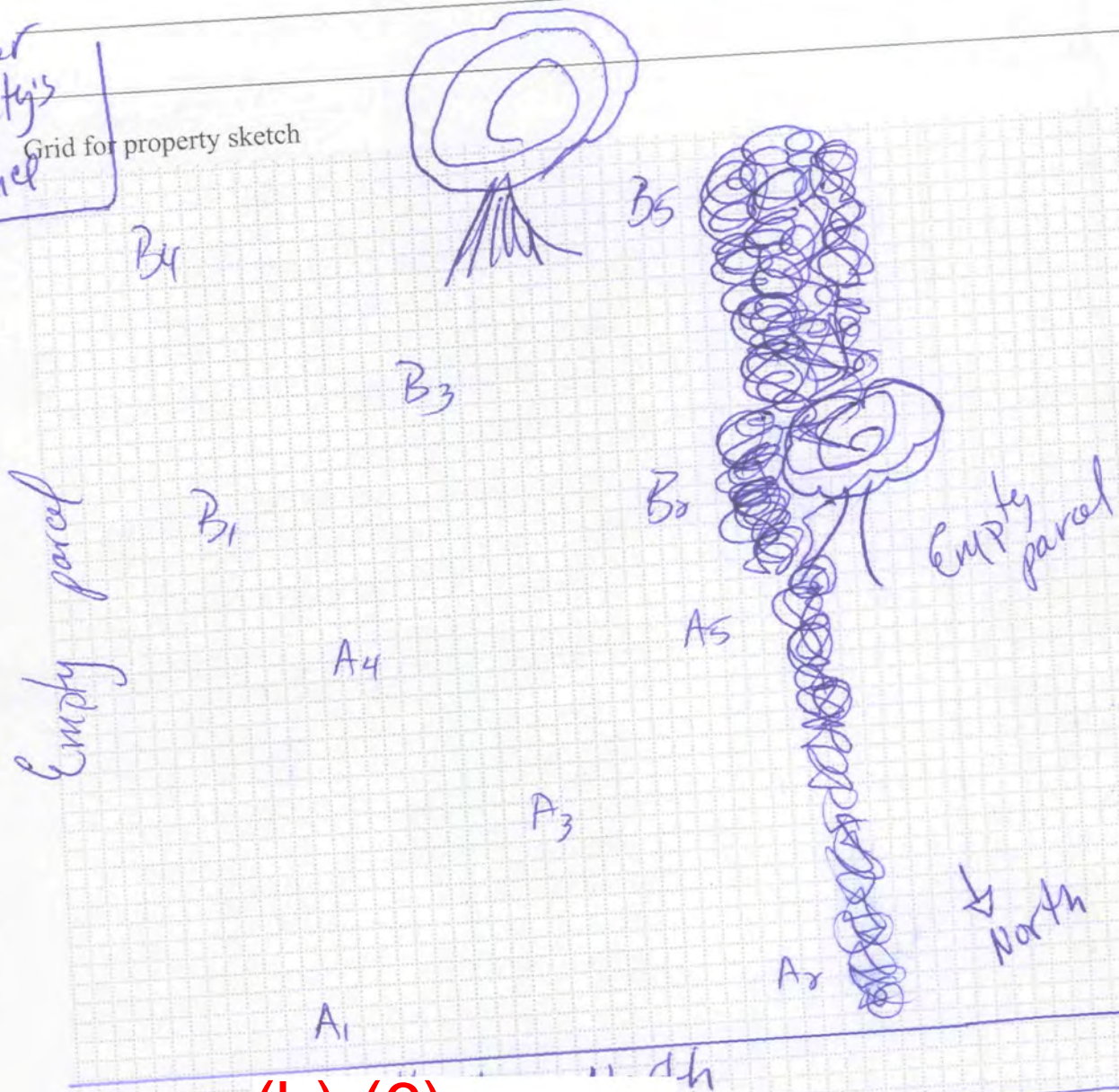
40°F. partially cloudy; 7mph NNE

PROPERTY COMMENTS:

vacant parcel

another
property's
fence

Grid for property sketch



(b) (6)

STATION ID: HP0003A SAMPLE ID: HP0003A-CS

SAMPLE COLLECTION TIME: 1015

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

first half

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 018594 Logged? ☒ or N

Aliquot #1: Latitude: 33.56604348 N Longitude 86.79278741 W
Media description: dark brown silty clay w/coal fragments damp

Aliquot #2: Latitude: 33.56604198 N Longitude 86.79286007 W
Media description: same as #1

Aliquot #3: Latitude: 33.566056093 N Longitude 86.79281214 W
Media description: same as #1

Aliquot #4: Latitude: 33.566046690 N Longitude 86.79278103 W
Media description: same as #1

Aliquot #5: Latitude: 33.566046870 N Longitude 86.79284317 W
Media description: same as #1

STATION ID: HP0003B SAMPLE ID: HP0003B-CS

SAMPLE COLLECTION TIME: 1029

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

second half

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 018594 Logged? ☒ or N

Aliquot #1: Latitude: 33.56641803 N Longitude 86.79278238 W
Media description: dark brown silty clay w. coal fragments damp

Aliquot #2: Latitude: 33.56642096 N Longitude 86.79284121 W
Media description: same as #1

Aliquot #3: Latitude: 33.56633796 N Longitude 86.79281534 W
Media description: same as #1

Aliquot #4: Latitude: 33.56626121 N Longitude 86.79278296 W
Media description: same as #1

Aliquot #5: Latitude: 33.56628572 N Longitude 86.79288552 W
Media description: same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

CV0831

DATE:

2/20/13

ARRIVAL TIME:

1042

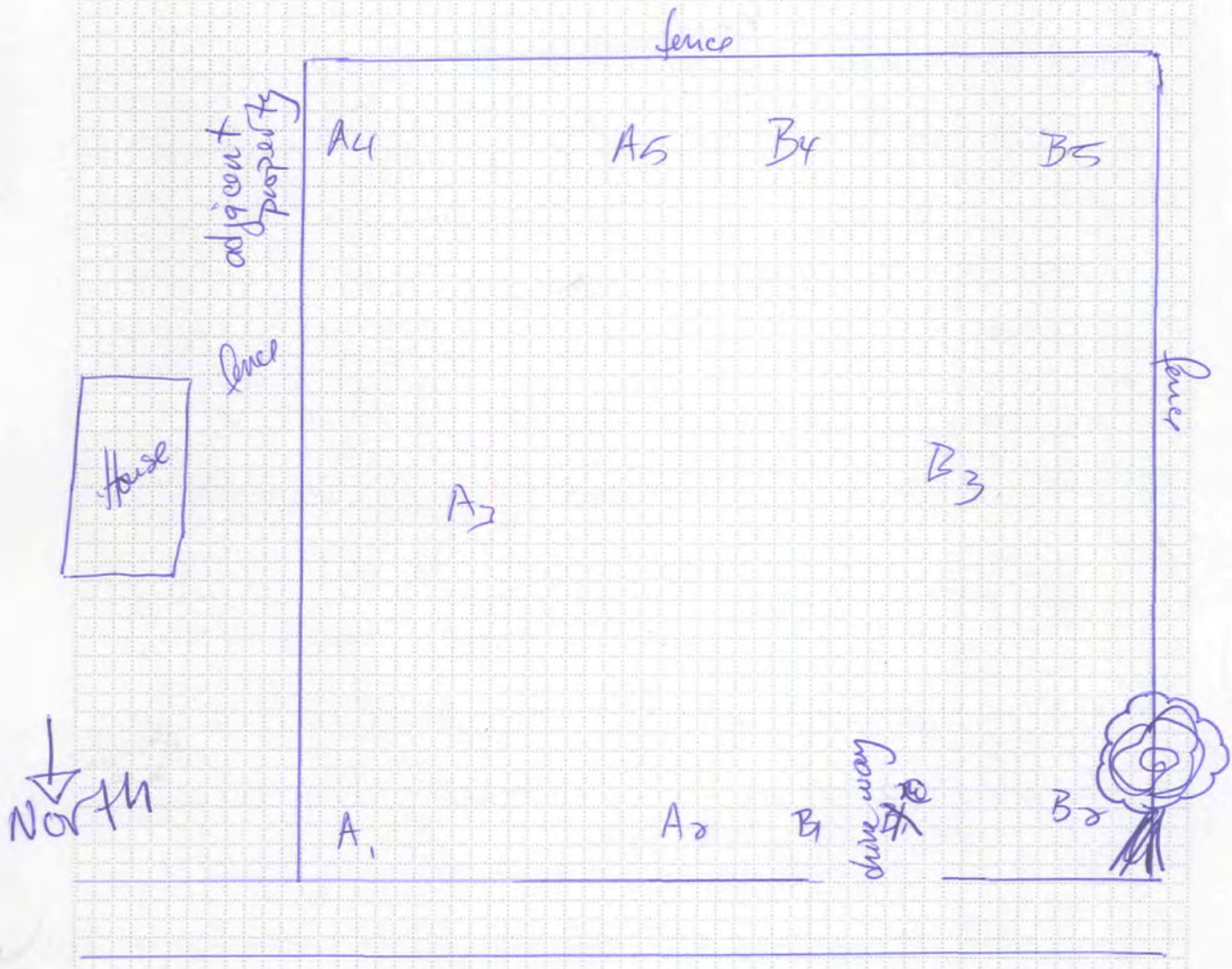
Other pertinent information (weather conditions, etc.):

43°F partially cloudy; N 11 mph

PROPERTY COMMENTS:

START called the owner at 205-401-6090 as requested and a message informing "the client cannot receive calls at this time" was activated every time START called the number; at arrival Gate ² was unlocked and 2 samples were ² collected as approved by EPA. (owner needed to be called to unlock the gate).

Grid for property sketch



STATION ID: CU0831A SAMPLE ID: CU0831A-CS

SAMPLE COLLECTION TIME: 1109

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

first half

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [X] Instrument #: 018594 Logged? (Y) or N
Aliquot #1: Latitude: 33.55353060 N Longitude 86.79667065 W
Media description: dark brown silty clay damp
Aliquot #2: Latitude: 33.55353006 N Longitude 86.79678620 W
Media description: same as #1
Aliquot #3: Latitude: 33.55337630 N Longitude 86.79673264 W
Media description: same as #1
Aliquot #4: Latitude: 33.55324052 N Longitude 86.79668150 W
Media description: same as #1
Aliquot #5: Latitude: 33.55325537 N Longitude 86.79674656 W
Media description: same as #1

STATION ID: CU0831B SAMPLE ID: CU0831B-CS

SAMPLE COLLECTION TIME: 1118

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

second half

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [X] Instrument #: 018594 Logged? (Y) or N
Aliquot #1: Latitude: 33.55353039 N Longitude 86.79682043 W
Media description: dark brown silty clay damp
Aliquot #2: Latitude: 33.55353169 N Longitude 86.79691528 W
Media description: same as #1
Aliquot #3: Latitude: 33.55340978 N Longitude 86.79687327 W
Media description: same as #1
Aliquot #4: Latitude: 33.55325765 N Longitude 86.79680594 W
Media description: same as #1
Aliquot #5: Latitude: 33.55326735 N Longitude 86.79690773 W
Media description: same as #1